

DIVISION OF HIV/STD



**1999
ANNUAL
STATISTICS**

DIVISION OF HIV/STD

Casey W. Riley, Director

Phone Directory

HIV/STD Hotline (Voice/TDD).....	(800) 533-4148 (English)
Education materials, community referrals and information	(800) 344-7432 (En Espanol)
HIV and AIDS Reporting	(804) 786-3745
Assistance with reporting HIV/AIDS cases	
Sexually Transmitted Disease (STD) Reporting	(804) 786-3745
Assistance with reporting STD cases	
Statistical Requests	(800) 533-4148
HIV/AIDS/STD statistical data	
HIV/STD Statistics and Data Management	(804) 225-3750
HIV/AIDS/STD data analysis and graphics	
Education, Information and Training	(804) 786-0877
Information on prevention/education funding, educational resources and prevention programs	
Health Care Services	(804) 786-9899
Information on AIDS Drug Assistance Program (ADAP), Ryan White programs and health care provider education	
HIV Counseling, Testing and Partner Notification	(804) 786-3397
Information on HIV testing services and publicly funded counseling and testing sites, guidelines for HIV counseling, testing and partner notification	
Media and Communications	(804) 786-0877
Public relations campaigns, special events and media information	
Facsimile	(804) 225-3517

**Virginia Department of Health
Division of HIV/STD
1999 Annual Statistics**

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Virginia
STD/AIDS/HIV
Civilian Morbidity

Calendar Years

1984 - 1999

	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Primary/Secondary Syphilis																
Number of cases reported	420	300	326	318	449	593	880	842	717	648	796	599	393	236	149	152
% change from previous year	-25.0%	-28.6%	8.7%	-2.5%	41.2%	32.1%	48.4%	-4.3%	-14.8%	-9.6%	22.8%	-24.7%	-34.4%	-39.9%	-36.9%	2.0%
Early Latent Syphilis																
Number of cases reported	351	260	241	250	373	495	671	780	630	620	613	545	405	379	230	212
% change from previous year	-26.1%	-25.9%	-7.3%	3.7%	49.2%	32.7%	35.6%	16.2%	-19.2%	-1.6%	-1.1%	-11.1%	-25.7%	-6.4%	-39.3%	-7.8%
Total Early Syphilis																
Number of cases reported	771	560	567	568	822	1,088	1,551	1,622	1,347	1,268	1,409	1,144	798	615	379	364
% change from previous year	-25.5%	-27.4%	1.3%	0.2%	44.7%	32.4%	42.6%	4.6%	-17.0%	-5.9%	11.1%	-18.8%	-30.2%	-22.9%	-38.4%	-4.0%
Gonorrhea																
Number of cases reported	20,199	19,121	18,742	14,353	14,464	15,993	17,652	17,256	15,773	11,620	13,414	10,342	9,292	8,731	9,215	9,315
% change from previous year	-4.4%	-5.3%	-2.0%	-23.4%	0.8%	10.6%	10.4%	-2.2%	-8.6%	-26.3%	15.4%	-22.9%	-10.2%	-6.0%	5.5%	1.1%
Early Congenital Syphilis (< 1 yr of age)																
Number of cases reported	2	0	2	3	4	13	25	51	59	23	18	22	19	10	5	4
% change from previous year	-50.0%	-100.0%	0.0%	50.0%	33.3%	225.0%	92.3%	104.0%	15.7%	-61.0%	-21.7%	22.2%	-13.6%	-47.4%	-50.0%	-20.0%
Chlamydia *																
Number of cases reported						6002	13,391	16,717	11,305	11,389	12,976	12,287	11,755	11,604	13,370	13,427
% change from previous year						0	123.1%	24.8%	-32.4%	0.7%	13.9%	-5.3%	-4.3%	-1.3%	15.2%	0.4%
AIDS ** (Includes Military)																
Number of cases reported	42	102	167	268	377	445	649	670	748	1,638	1,200	1,461	1,211	1,177	963	912
% change from previous year	100.0%	142.9%	63.7%	60.5%	40.7%	18.0%	45.8%	3.2%	11.6%	119.0%	-26.7%	21.8%	-17.1%	-2.8%	-18.2%	-5.3%
HIV * (Includes Military)																
Number of cases reported						195	1,143	1,644	1,372	1,484	1,124	1,268	987	998	825	922
% change from previous year						0	486.2%	43.8%	-16.5%	8.2%	-24.3%	12.8%	-22.2%	1.1%	-17.3%	11.8%

* Reporting began in July 1989.

** Reporting began in 1982.

Note: On January 1, 1993, the AIDS surveillance case definition for adolescents and adults was expanded to include three additional clinical conditions

(pulmonary tuberculosis, recurrent pneumonia, and invasive cervical cancer) as well as a laboratory marker of severe immunosuppression in HIV-infected persons.

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Virginia
STD/AIDS/HIV
Civilian Morbidity and Case Rate
Per 100,000

Calendar Years
 1990 - 1999

	1991	1992	1993	1994	1995	1996	1997	1998	1999	National 2000 Objective
Primary/Secondary Syphilis										
Number of cases reported	842	717	648	796	599	393	236	149	152	
Morbidity case rate	13.6	11.6	10.5	12.4	9.1	5.9	2.2	2.2	2.2	4
Early Latent Syphilis										
Number of cases reported	780	630	620	613	545	405	230	230	212	
Morbidity case rate	12.6	10.2	10.0	9.6	8.3	6.1	3.4	3.4	3.1	
Total Early Syphilis										
Number of cases reported	1,622	1,347	1,268	1,409	1,144	798	379	379	364	
Morbidity case rate	26.2	21.8	20.5	22.0	17.5	12.1	5.7	5.6	5.4	
Early Congenital Syphilis (< 1 yr. of age)										
Number of cases reported	51	59	23	18	22	19	5	5	4	
Morbidity case rate	52.3	60.5	23.6	18.5	22.6	20.7	5.4	5.4	4.4	40
Gonorrhea										
Number of cases reported	17,256	15,773	11,620	13,414	10,342	9,292	9,215	9,215	9,315	
Morbidity case rate	278.9	254.8	187.7	209.4	157.9	140.4	137.8	136.3	137.8	100
Chlamydia*										
Number of cases reported	16,717	11,305	11,389	12,976	12,287	11,755	13,370	13,370	13,427	
Morbidity case rate	270.2	182.7	184.0	202.6	187.5	177.6	199.9	197.8	198.7	
AIDS										
Number of cases reported	670	748	1,638	1,200	1,461	1,211	963	963	912	
Morbidity case rate	10.8	12.1	26.5	18.7	22.3	18.3	14.4	14.2	13.5	43
HIV*										
Number of cases reported	1,644	1,372	1,484	1,124	1,268	987	825	825	922	
Morbidity case rate	26.6	22.2	24.0	17.5	19.4	14.9	12.3	12.2	13.6	400
State Population	6,187,358	6,189,307	6,189,307	6,405,889	6,551,559	6,620,586	6,689,569	6,758,567	6,758,567	

* State began reporting Chlamydia and HIV in July of 1989

Virginia
STD and HIV/AIDS Civilian Morbidity
by DISEASE

Calendar Years
 1992 - 1999

	1992	1993	1994	1995	1996	1997	1998	1999
Total Syphilis ¹	1,990	1,951	1,920	1,584	1,269	1,117	707	726
Gonorrhea ²	15,773	11,620	13,414	10,342	9,292	8,731	9,215	9,315
Chlamydia	11,305	11,389	12,976	12,287	11,755	11,604	13,370	13,427
Chancroid	0	3	0	2	1	1	7	3
Granuloma Inguinale	0	0	0	0	0	0	0	0
Lymphogranuloma	6	0	0	1	0	2	0	0
HIV ³	1,372	1484	1,124	1,268	987	998	825	922
AIDS ³	748	1638	1,200	1,461	1,211	1,177	963	912
Total Sexually Transmitted Diseases	31,194	28,085	30,634	26,945	24,515	23,630	25,087	25,305

¹ Includes Primary, Secondary, Early, Late and Late Latent, Congenital and Unclassified.

Unclassified includes Neurosyphilis, Cardiovascular and other.

² Includes Uncomplicated and Resistant.

³ Includes military.

Virginia
STD Civilian Morbidity
by DISEASE and STAGE

Calendar Years
 1993 - 1999

	1993	1994	1995	1996	1997	1998	1999	% Change 1998 to 1999
Syphilis								
-Primary/Secondary	648	796	599	393	236	149	152	2.0%
-Early Latent	620	613	545	405	379	230	212	-7.8%
-Late Latent (includes unclassified)	660	493	418	452	492	323	358	10.8%
-Congenital	23	18	22	19	10	5	4	-20.0%
< 1 year	23	18	22	19	10	5	4	-20.0%
> 1 year	0	0	0	0	0	0	0	0.0%
Total Syphilis	1,951	1,920	1,584	1,269	943	707	726	2.7%
Gonorrhea								
-Uncomplicated	11,534	13,274	10,281	9,261	8,721	9,181	9,292	1.2%
-PID	45	109	55	29	14	30	22	-26.7%
-Ophthalmia	1	1	0	0	1	1	0	-100.0%
-Resistant Gonorrhea ¹	40	30	6	2	0	3	1	-66.7%
PPNG	40	29	6	2	0	3	1	-66.7%
CMRNG	0	0	0	0	0	0	0	0.0%
TRNG	0	1	0	0	0	0	0	0.0%
Total Gonorrhea	11,620	13,414	10,342	9,292	8,736	9,215	9,315	1.1%
Chlamydia								
-Uncomplicated	11,385	12,931	12,254	11,734	11,580	13,352	13,424	0.5%
-PID	0	41	27	13	6	4	0	-100.0%
-Ophthalmia	4	2	6	8	17	14	3	-78.6%
-Other (includes Pneumonia)	0	2	0	0	1	0	0	0.0%
Total Chlamydia	11,389	12,976	12,287	11,755	11,604	13,370	13,427	0.4%
Chancroid	3	0	2	1	1	7	3	-57.1%
Granuloma Inguinale	0	0	0	0	0	0	0	0.0%
Lymphogranuloma Venereum	0	0	1	0	2	0	0	0.0%
HIV ²	1,484	1,124	1,268	987	998	825	922	11.8%
AIDS ²	1,638	1,200	1,461	1,211	1,177	963	912	-5.3%
Total Sexually Transmitted Diseases	28,085	30,634	26,945	24,515	23,461	25,087	25,305	0.9%

¹ Resistant Gonorrhea includes PPNG, CMRNG which became reportable in 1984, and TRNG which became reportable in 1986.

² Includes military.

* Increase from zero.

Virginia**Civilian Primary/Secondary, Early Latent and Total Early Syphilis
by AGE GROUPS**

Calendar Years

1998 - 1999

Age Group (years)	Primary/Secondary Syphilis			Early Latent Syphilis			Total Early Syphilis		
	1998	1999	% Change	1998	1999	% Change	1998	1999	% Change
Under 10	0	0	0.0%	0	0	0.0%	0	0	0.0%
10-14	1	0	-100.0%	0	0	0.0%	1	0	-100.0%
15-19	10	8	-20.0%	26	15	-42.3%	36	23	-36.1%
20-24	13	18	38.5%	36	32	-11.1%	49	50	2.0%
25-29	23	24	4.3%	39	26	-33.3%	62	50	-19.4%
30-34	33	29	-12.1%	42	35	-16.7%	75	64	-14.7%
35-39	29	31	6.9%	37	40	8.1%	66	71	7.6%
40-44	18	20	11.1%	24	28	16.7%	42	48	14.3%
45 & Over	22	22	0.0%	26	36	38.5%	48	58	20.8%
Unknown	0	0	0.0%	0	0	0.0%	0	0	0.0%
Total	149	152	2.0%	230	212	-7.8%	379	364	-4.0%

* Increase from zero.

Virginia**Civilian Gonorrhea and Chlamydia Morbidity
by AGE GROUPS**Calendar Years
1998 - 1999

Age Group (years)	Gonorrhea			Chlamydia			Total Cases (1998-1999)	Total Cases (1998-1999)	Total % Change (1998-1999)
	1998	1999	% Change	1998	1999	% Change			
Under 10	16	13	-18.8%	29	33	13.8%	45	66	44.4%
10-14	162	157	-3.1%	351	314	-10.5%	513	471	-8.2%
15-19	2,857	2,644	-7.5%	5,741	5,739	0.0%	8,598	8,483	-1.3%
20-24	2,750	2,835	3.1%	4,404	4,579	4.0%	7,154	7,013	-1.9%
25-29	1,337	1,453	8.7%	1,619	1,620	0.1%	3,056	3,079	0.7%
30-34	786	849	8.0%	635	627	-1.3%	1,421	1,476	3.9%
35-39	588	614	4.4%	307	274	-10.7%	995	988	-0.7%
40-44	292	351	20.2%	90	90	0.0%	382	382	0.0%
45 & Over	309	299	-3.2%	78	70	-10.3%	387	369	-4.7%
Unknown	118	100	-15.3%	116	81	-30.2%	234	181	-23.6%
Total	9,215	9,315	1.1%	13,370	13,427	0.4%	22,585	22,742	0.7%

Virginia
HIV and AIDS Morbidity
by AGE GROUPS

Calendar Years
 1998 - 1999

Age Group (years)	HIV			AIDS		
	1998	1999	% Change	1998	1999	% Change
Under 10	9	4	-55.6%	4	3	-25.0%
10-14	2	2	0.0%	1	0	-100.0%
15-19	25	43	72.0%	3	4	33.3%
20-24	85	103	21.2%	43	37	-14.0%
25-29	125	153	22.4%	110	86	-21.8%
30-34	179	168	-6.1%	196	187	-4.6%
35-39	167	182	9.0%	227	209	-7.9%
40-44	116	123	6.0%	165	174	5.5%
45 & Over	117	144	23.1%	214	212	-0.9%
Unknown	0	0	0.0%	0	0	0.0%
Total	825	922	11.8%	963	912	-5.3%

Virginia**Civilian Primary/Secondary, Early Latent, Total Early Syphilis,
Gonorrhea, Chlamydia, HIV and AIDS Morbidity****By RACE**

Calendar Years

1998 - 1999

Race	Primary/Secondary Syphilis			Early Latent Syphilis			Total Early Syphilis		
	1998	1999	% Change	1998	1999	% Change	1998	1999	% Change
White	17	16	-5.9%	11	20	81.8%	28	36	28.6%
Black	128	132	3.1%	209	178	-14.8%	337	310	-8.0%
Hispanic	1	3	200.0%	6	9	50.0%	7	12	71.4%
Asian	2	0	-100.0%	1	4	300.0%	3	4	33.3%
American Indian	0	0	0.0%	0	0	0.0%	0	0	0.0%
Other/Unknown	1	1	0.0%	3	1	-66.7%	4	2	-50.0%
Total	149	152	2.0%	230	212	-7.8%	379	364	-4.0%

Race	Gonorrhea			Chlamydia		
	1998	1999	% Change	1998	1999	% Change
White	882	869	-1.5%	2,820	2,959	4.9%
Black	7,176	7,457	3.9%	7,739	8,252	6.6%
Hispanic	88	90	2.3%	384	436	13.5%
Asian	27	21	-22.2%	115	137	19.1%
American Indian	9	5	-44.4%	11	6	-45.5%
Other/Unknown	1,033	873	-15.5%	2,301	1,637	-28.9%
Total	9,215	9,315	1.1%	13,370	13,427	0.4%

Race	HIV**			AIDS**		
	1998	1999	% Change	1998	1999	% Change
White	211	238	12.8%	297	262	-11.8%
Black	567	638	12.5%	636	605	-4.9%
Hispanic	31	38	22.6%	24	41	70.8%
Asian	11	8	-27.3%	3	4	33.3%
American Indian	0	0	0.0%	1	0	-100.0%
Other/Unknown	5	0	-100.0%	2	0	-100.0%
Total	825	922	11.8%	963	912	-5.3%

* Increase from zero.

** Includes military

Virginia
**Civilian Primary/Secondary, Early Latent, Total Early Syphilis,
 Gonorrhea, Chlamydia, HIV and AIDS Morbidity**
By GENDER

Calendar Years
 1998 - 1999

Gender	Primary/Secondary Syphilis			Early Latent Syphilis			Total Early Syphilis		
	1998	1999	% Change	1998	1999	% Change	1998	1999	% Change
Male	88	81	-8.0%	112	92	-17.9%	200	173	-13.5%
Female	61	71	16.4%	118	120	1.7%	179	191	6.7%
Total	149	152	2.0%	230	212	-7.8%	379	364	-4.0%

Gender	Gonorrhea			Chlamydia		
	1998	1999	% Change	1998	1999	% Change
Male	4,690	4,773	1.8%	1,920	2,070	7.8%
Female	4,523	4,538	0.3%	11,450	11,355	-0.8%
Unknown	2	4	100.0%	0	2	0.0%
Total	9,215	9,315	1.1%	13,370	13,427	0.4%

Gender	HIV*			AIDS*		
	1998	1999	% Change	1998	1999	% Change
Male	577	633	9.7%	744	699	-6.0%
Female	248	289	16.5%	219	213	-2.7%
Total	825	922	11.8%	963	912	-5.3%

* Includes military

Virginia
Civilian Total Early Syphilis
by AGE, GENDER, and RACE

Calendar Years
 1998 - 1999

1998												
	White		Black		Hispanic		Other/Unknown		Total		Total	
	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females		
Under 10	0	0	0	0	0	0	0	0	0	0	0	0
10-14	0	0	0	1	0	0	0	0	0	1	1	1
15-19	1	2	11	22	0	0	0	0	12	24	36	36
20-24	0	5	21	17	3	1	1	1	25	24	49	49
25-29	2	3	27	29	0	0	0	1	29	33	62	62
30-34	0	2	35	35	0	1	2	0	37	38	75	75
35-39	7	2	29	28	0	0	0	0	36	30	66	66
40-44	1	0	22	17	1	0	0	1	24	18	42	42
45 & Over	3	0	33	10	1	0	0	1	37	11	48	48
Totals	14	14	178	159	5	2	3	4	200	179	379	379
		28		337		7		7				

1999												
	White		Black		Hispanic		Other/Unknown		Total		Total	
	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females		
Under 10	0	0	0	0	0	0	0	0	0	0	0	0
10-14	0	0	0	0	0	0	0	0	0	0	0	0
15-19	0	2	1	18	0	1	0	1	1	22	23	23
20-24	1	6	17	24	1	0	1	0	20	30	50	50
25-29	2	4	15	26	2	0	0	1	19	31	50	50
30-34	2	1	22	35	1	2	1	0	26	38	64	64
35-39	3	1	33	31	0	3	0	0	36	35	71	71
40-44	2	2	25	15	2	0	0	2	29	19	48	48
45 & Over	7	3	35	13	0	0	0	0	42	16	58	58
Totals	17	19	148	162	6	6	2	4	173	191	364	364
		36		310		12		6				

Virginia
Total Early Syphilis
by REPORTING SOURCE and GENDER

Calendar Years
 1998 - 1999

	1998	1999	% Change
Private			
Male	134	93	-30.6%
Female	109	101	-7.3%
Total Private	243	194	-20.2%
Public			
Male	66	80	21.2%
Female	70	90	28.6%
Total Public	136	170	25.0%
Military			
Male	0	1	0.0%
Female	1	0	-100.0%
Total Military	1	1	0.0%

Virginia

Comparison of MALES by RACE Civilian Total Early Syphilis Morbidity

Calendar Years

1984 - 1999

Calendar Year	Total Early Syphilis	White	% of Total	Non-White	% of Total	Race Unk	% of Total
1984	507	107	21.1%	397	78.3%	3	0.6%
1985	385	57	14.8%	326	84.7%	2	0.5%
1986	365	48	13.2%	317	86.8%	0	0.0%
1987	338	41	12.1%	295	87.3%	2	0.6%
1988	464	55	11.9%	406	87.5%	3	0.6%
1989	583	53	9.1%	528	90.6%	2	0.3%
1990	779	63	8.1%	714	91.7%	2	0.3%
1991	831	71	8.5%	759	91.3%	1	0.1%
1992	660	46	7.0%	612	92.7%	2	0.3%

Calendar Year	Total Early Syphilis	White	% of Total	Black	% of Total	Hispanic	% of Total	Other/Unknown	% of Total
1993	614	37	6.0%	565	92.0%	2	0.3%	10	1.6%
1994	667	41	6.1%	600	90.0%	11	1.6%	15	2.2%
1995	544	28	5.1%	505	92.8%	8	1.5%	3	0.6%
1996	383	23	6.0%	350	91.4%	4	1.0%	6	1.6%
1997	313	20	6.4%	277	88.5%	10	3.2%	6	1.9%
1998	200	14	7.0%	178	89.0%	5	2.5%	3	1.5%
1999	173	17	9.8%	148	85.5%	6	3.5%	2	1.2%

Virginia

Comparison of FEMALES by RACE Civilian Total Early Syphilis Morbidity

Calendar Years

1984 - 1999

Calendar Year	Total Early Syphilis	White	% of Total	Non-White	% of Total	Race Unk	% of Total
1984	264	26	9.8%	237	89.8%	1	0.4%
1985	175	22	12.6%	153	87.4%	0	0.0%
1986	202	24	11.9%	178	88.1%	0	0.0%
1987	230	32	13.9%	198	86.1%	0	0.0%
1988	358	51	14.2%	306	85.5%	1	0.3%
1989	505	56	11.1%	449	88.9%	0	0.0%
1990	772	65	8.4%	707	91.6%	0	0.0%
1991	791	79	10.0%	709	89.6%	3	0.4%
1992	687	56	8.2%	630	91.7%	1	0.1%

Calendar Year	Total Early Syphilis	White	% of Total	Black	% of Total	Hispanic	% of Total	Other/Unknown	% of Total
1993	654	37	5.7%	593	90.7%	4	0.6%	20	3.1%
1994	742	44	5.9%	672	90.6%	10	1.3%	16	2.2%
1995	600	41	6.8%	541	90.2%	10	1.7%	8	1.3%
1996	415	32	7.7%	375	90.4%	6	1.4%	2	0.5%
1997	302	27	8.9%	265	87.7%	6	2.0%	4	1.3%
1998	179	14	7.8%	159	88.8%	2	1.1%	4	2.2%
1999	191	19	9.9%	162	84.8%	6	3.1%	4	2.1%

Virginia
Comparison of FEMALE/MALE Proportions
Civilian Total Early Syphilis Morbidity

Calendar Years

1981 - 1999

<u>Calendar Year</u>	<u>Total Early Syphilis</u>	<u>Female</u>	<u>% of Total</u>	<u>Male</u>	<u>% of Total</u>
1981	1,227	344	28.0%	883	72.0%
1982	1,172	364	31.1%	808	68.9%
1983	1,035	307	29.7%	728	70.3%
1984	771	264	34.2%	507	65.8%
1985	560	175	31.3%	385	68.8%
1986	567	202	35.6%	365	64.4%
1987	568	230	40.5%	338	59.5%
1988	822	358	43.6%	464	56.4%
1989	1,088	505	46.4%	583	53.6%
1990	1,551	772	49.8%	779	50.2%
1991	1,622	791	48.8%	831	51.2%
1992	1,347	687	51.0%	660	49.0%
1993	1,268	654	51.6%	614	48.4%
1994	1,409	742	52.7%	667	47.3%
1995	1,144	600	52.4%	544	47.6%
1996	798	415	52.0%	383	48.0%
1997	615	302	49.1%	313	50.9%
1998	379	179	47.2%	200	52.8%
1999	364	191	52.5%	173	47.5%

Virginia

Comparison of RACE Proportions Civilian Total Early Syphilis Morbidity

Calendar Years

1984 - 1999

Calendar Year	Total Early Syphilis	White	% of Total	Non-White	% of Total	Race Unk	% of Total
1984	771	133	17.3%	634	82.2%	4	0.5%
1985	560	79	14.1%	479	85.5%	2	0.4%
1986	567	72	12.7%	495	87.3%	0	0.0%
1987	568	73	12.9%	493	86.8%	2	0.4%
1988	822	106	12.9%	715	87.0%	1	0.1%
1989	1,088	109	10.0%	977	89.8%	2	0.2%
1990	1,551	128	8.3%	1,421	91.6%	2	0.1%
1991	1,622	150	9.2%	1,468	90.5%	4	0.2%
1992	1,347	102	7.6%	1,242	92.2%	3	0.2%

Calendar Year	Total Early Syphilis	White	% of Total	Black	% of Total	Hispanic	% of Total	Other/Unknown	% of Total
1993	1,268	74	5.8%	1,158	91.3%	6	0.5%	30	2.4%
1994	1,409	85	6.0%	1,272	90.3%	21	1.5%	31	2.2%
1995	1,144	69	6.0%	1,046	91.4%	18	1.6%	11	1.0%
1996	798	55	6.9%	725	90.9%	10	1.3%	8	1.0%
1997	615	47	7.6%	542	88.1%	16	2.6%	10	1.6%
1998	379	28	7.4%	337	88.9%	7	1.8%	7	1.8%
1999	364	36	9.9%	310	85.2%	12	3.3%	6	1.6%

Virginia
Civilian Total Early Syphilis
by AGE GROUPS

Calendar Years
 1979 - 1988

Age Group (years)	1979*		1980*		1981*		1982*		1983*		1984*		1985*		1986		1987		1988	
	#	% of Total	#	% of Total	#	% of Total	#	% of Total												
Under 10	0	0.0%	0	0.0%	0	0.0%	1	0.2%	0	0.0%	1	0.2%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
10-14	0	0.0%	4	0.7%	3	0.4%	4	0.6%	3	0.5%	1	0.2%	2	0.7%	1	0.2%	3	0.5%	3	0.4%
15-19	76	15.4%	62	10.6%	105	15.3%	84	13.0%	64	11.4%	45	10.7%	34	11.4%	75	13.2%	65	11.4%	111	13.5%
20-24	147	29.9%	194	33.2%	203	29.5%	200	30.9%	159	28.4%	107	25.5%	67	22.4%	174	30.7%	152	26.8%	228	27.7%
25-29	116	23.6%	142	24.3%	142	20.7%	150	23.2%	161	28.8%	115	27.4%	83	27.8%	138	24.3%	151	26.6%	219	26.6%
30-34	57	11.6%	86	14.7%	111	16.2%	90	13.9%	70	12.5%	71	16.9%	47	15.7%	82	14.5%	94	16.5%	116	14.1%
35-39	39	7.9%	42	7.2%	54	7.9%	54	8.3%	36	6.4%	39	9.3%	32	10.7%	48	8.5%	51	9.0%	62	7.5%
40-44	28	5.7%	26	4.5%	29	4.2%	25	3.9%	29	5.2%	16	3.8%	16	5.4%	25	4.4%	23	4.0%	38	4.6%
45+	28	5.7%	25	4.3%	36	5.2%	30	4.6%	31	5.5%	19	4.5%	18	6.0%	24	4.2%	27	4.8%	43	5.2%
Unknown	1	0.2%	3	0.5%	4	0.6%	9	1.4%	7	1.3%	6	1.4%	0	0.0%	0	0.0%	2	0.4%	2	0.2%
Total	492		584		687		647		560		420		299		567		568		822	

* Includes Primary and Secondary Syphilis only.

71 Virginia
Civilian Total Early Syphilis
by AGE GROUPS

Calendar Years

1989 - 1999

Age Group (years)	1989		1990		1991		1992		1993		1994		1995		1996		1997		1998		1999	
	#	% of Total	#	% of Total	#	% of Total	#	% of Total	#	% of Total												
Under 10	0	0.0%	1	0.1%	0	0.0%	0	0.0%	5	0.4%	1	0.1%	2	0.2%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
10-14	4	0.4%	12	0.8%	10	0.6%	4	0.3%	8	0.6%	17	1.2%	5	0.4%	3	0.4%	2	0.3%	1	0.3%	0	0.0%
15-19	139	12.8%	203	13.1%	221	13.6%	178	13.2%	111	8.8%	132	9.4%	123	10.8%	84	10.5%	42	6.8%	36	9.5%	23	6.3%
20-24	287	26.4%	406	26.2%	433	26.7%	372	27.6%	268	21.1%	255	18.1%	183	16.0%	132	16.5%	100	16.3%	49	12.9%	50	13.7%
25-29	253	23.3%	327	21.1%	352	21.7%	288	21.4%	263	20.7%	240	17.0%	217	19.0%	137	17.2%	99	16.1%	62	16.4%	50	13.7%
30-34	187	17.2%	273	17.6%	256	15.8%	227	16.9%	219	17.3%	266	18.9%	207	18.1%	135	16.9%	125	20.3%	75	19.8%	64	17.6%
35-39	120	11.0%	157	10.1%	163	10.0%	122	9.1%	173	13.6%	213	15.1%	190	16.6%	126	15.8%	98	15.9%	66	17.4%	71	19.5%
40-44	38	3.5%	75	4.8%	86	5.3%	69	5.1%	91	7.2%	130	9.2%	104	9.1%	89	11.2%	78	12.7%	42	11.1%	48	13.2%
45+	58	5.3%	96	6.2%	94	5.8%	82	6.1%	126	9.9%	154	10.9%	113	9.9%	92	11.5%	71	11.5%	48	12.7%	58	15.9%
Unknown	2	0.2%	1	0.1%	7	0.4%	5	0.4%	4	0.3%	1	0.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Total	1,088		1,551		1,622		1,347		1,268		1,409		1,144		798		615		379		364	

Virginia

Civilian Total Early Syphilis Cases by SELECTED CITIES/COUNTIES

Calendar Years
1998 - 1999

City/County	1998	1999	% Change
			1998 vs 1999
Alexandria	6	11	83.3%
Arlington	6	8	33.3%
Charlottesville	1	0	-100.0%
Chesapeake	20	14	-30.0%
Chesterfield	9	5	-44.4%
Danville	49	99	102.0%
Fairfax County	6	15	150.0%
Hampton	4	5	25.0%
Henrico	8	9	12.5%
Lynchburg	2	3	50.0%
Newport News	9	10	11.1%
Norfolk	84	84	0.0%
Petersburg	5	3	-40.0%
Portsmouth	15	10	-33.3%
Richmond City	58	47	-19.0%
Roanoke City	3	7	133.3%
Suffolk	8	3	-62.5%
Virginia Beach	24	12	-50.0%
Total	317	345	8.8%
All Other Cities/Counties	62	19	-69.4%
State Total	379	364	-4.0%

Virginia

Civilian Total Early Syphilis Morbidity

by SELECTED CITIES/COUNTIES

Five Year Trend

Calendar Years

1995 - 1999

City/County	1995	1996	1997	1998	1999	Five Year Average
Alexandria	7	5	18	6	11	9.4
Arlington	7	1	6	6	8	5.6
Charlottesville	3	1	2	1	0	1.4
Chesapeake	58	57	33	20	14	36.4
Chesterfield	12	1	8	9	5	7.0
Danville	5	5	31	49	99	37.8
Fairfax County	8	8	12	6	15	9.8
Hampton	60	18	7	4	5	18.8
Henrico	9	18	16	8	9	12.0
Lynchburg	28	11	7	2	3	10.2
Newport News	82	37	18	9	10	31.2
Norfolk	240	192	131	84	84	146.2
Petersburg	18	8	19	5	3	10.6
Portsmouth	170	106	35	15	10	67.2
Richmond City	107	144	108	58	47	92.8
Roanoke City	19	5	5	3	7	7.8
Suffolk	114	40	30	8	3	39.0
Virginia Beach	37	30	23	24	12	25.2
Total	984	687	509	317	345	568.4
All Other Cities/Counties	160	111	106	62	19	91.6
State Total	1,144	798	615	379	364	660.0

Virginia

Civilian Total Early Syphilis Morbidity by HEALTH REGION

Calendar Years
1998 - 1999

Region	1998 Cases	Percent of Total Cases	1999 Cases	Percent of Total Cases	% Change
Central	101	26.6%	75	20.6%	-25.7%
Eastern	167	44.1%	115	31.6%	-31.1%
Northern	27	7.1%	39	10.7%	44.4%
Northwest	11	2.9%	5	1.4%	-54.5%
Southwest	73	19.3%	130	35.7%	78.1%
TOTAL	379		364		-4.0%

Virginia

Civilian Primary & Secondary, Early Latent and Total Early Syphilis Morbidity by REGION

Calendar Years

1998 - 1999

Region	Primary & Secondary				Early Latent				Total
	1998	1999	% Change	% Total	1998	1999	% Change	% Total	
Central	38	18	-52.6%	11.8%	63	57	-9.5%	26.9%	
Eastern	62	47	-24.2%	30.9%	105	68	-35.2%	32.1%	
Northern	10	15	50.0%	9.9%	17	24	41.2%	11.3%	
Northwest	7	2	-71.4%	1.3%	4	3	-25.0%	1.4%	
Southwest	32	70	118.8%	46.1%	41	60	46.3%	28.3%	
Total	149	152	2.0%		230	212	-7.8%		

Total Early Syphilis

Region	1998	1999	% Change	% Total
Central	101	75	-25.7%	20.6%
Eastern	167	115	-31.1%	31.6%
Northern	27	39	44.4%	10.7%
Northwest	11	5	-54.5%	1.4%
Southwest	73	130	78.1%	35.7%
Total	379	364	-4.0%	

Virginia

Civilian Early Congenital Syphilis Morbidity by RACE, GENDER, REGION, MOTHER'S MARITAL STATUS, AGE, PRENATAL CARE and TRIMESTER

Five Year Trend

Calendar Years
1995 - 1999

Race	1995	1996	1997	1998	1999
White	1	2	0	1	1
Black	21	17	9	4	3
Hispanic	0	0	1	0	0
Other/Unknown	0	0	0	0	0
TOTAL	22	19	10	5	4
Gender	1995	1996	1997	1998	1999
Male	9	9	5	4	2
Female	13	10	5	1	2
Unknown	0	0	0	0	0
TOTAL	22	19	10	5	4
Region	1995	1996	1997	1998	1999
Central	1	1	1	2	1
Eastern	18	16	8	3	0
Northern	0	0	1	0	2
Northwest	0	1	0	0	0
Southwest	3	1	0	0	1
TOTAL	22	19	10	5	4
Mother's Marital Status	1995	1996	1997	1998	1999
Single	19	16	9	4	4
Married	2	2	1	0	0
Div/Wid/Sep	1	0	0	1	0
Unknown	0	1	0	0	0
TOTAL	22	19	10	5	4
Mother's Age	1995	1996	1997	1998	1999
Range	17-40	15-34	16-37	22-29	25-32
Average	27.0	24.0	27.9	25.8	28.3
Unknown	0	0	0	0	0
Prenatal Care	1995	1996	1997	1998	1999
Yes	11	11	4	3	4
No	11	8	4	2	0
Unknown	0	0	2	0	0
Trimester*	1995	1996	1997	1998	1999
First	6	4	0	0	1
Second	3	4	1	0	2
Third	2	3	3	3	1

* Trimester when care was accessed

Virginia
Civilian Early Congenital Syphilis Morbidity
by CITY/COUNTY
Five Year Trend

Calendar Years
 1995 - 1999

City/County	1995	1996	1997	1998	1999	Total
Accomack	0	1	0	0	0	1
Alexandria	0	0	0	0	1	1
Appomattox	1	0	0	0	0	1
Arlington	0	0	0	0	1	1
Chesapeake	1	1	0	0	0	2
Chesterfield	1	0	0	0	0	1
Danville	1	0	0	0	0	1
Fredericksburg	0	0	0	0	0	0
Hampton	4	2	0	0	0	6
Isle of Wight	0	0	1	0	0	1
King George	0	1	0	0	0	1
Loudoun	0	0	0	0	0	0
Manassas	0	0	0	0	0	0
Montgomery	0	1	0	0	0	1
Newport News	1	1	0	0	0	2
Norfolk	7	3	2	0	0	12
Northampton	0	0	0	0	0	0
Nottoway	0	0	0	0	0	0
Portsmouth	3	6	4	1	0	14
Prince William	0	0	1	0	0	1
Richmond City	0	1	1	2	1	5
Roanoke City	1	0	0	0	0	1
Roanoke County	0	0	0	0	0	0
Suffolk	1	1	1	1	0	4
Virginia Beach	1	1	0	1	0	3
 Total	22	19	10	5	3	59
 All Other Cities/Counties	0	0	0	0	1	1
 State Total	22	19	10	5	4	60

Chlamydia

Virginia
Civilian Chlamydia
by AGE, GENDER, and RACE

Calendar Years
 1998 - 1999

	1998											
	White		Black		Hispanic		Other/Unknown		Total		Total	
	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females		
Under 10	2	2	7	8	0	1	3	6	12	17	29	
10-14	0	48	1	228	1	3	2	68	4	347	351	
15-19	74	1,209	342	3,083	12	87	111	823	539	5,202	5,741	
20-24	135	799	430	2,141	25	130	129	615	719	3,685	4,404	
25-29	56	267	208	691	6	62	67	262	337	1,282	1,619	
30-34	25	92	75	259	3	23	44	114	147	488	635	
35-39	12	48	44	115	6	14	26	42	88	219	307	
40-44	6	12	16	30	0	4	10	12	32	58	90	
45 & Over	8	14	10	17	1	4	6	18	25	53	78	
Unknown	0	11	7	27	0	2	10	59	17	99	116	
Totals	318	2,502	1,140	6,599	54	330	408	2,019	1,920	11,450	13,370	
	2,820		7,739		384		2,427		13,370			

	1999											
	White		Black		Hispanic		Other/Unknown		Total		Total	
	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females		
Under 10	1	6	6	8	1	0	5	6	13	20	33	
10-14	0	54	4	216	0	5	0	35	4	310	314	
15-19	84	1,208	406	3,220	9	115	83	614	582	5,157	5,739	
20-24	144	891	496	2,293	22	155	121	457	783	3,796	4,579	
25-29	52	298	221	746	12	67	48	176	333	1,287	1,620	
30-34	39	98	102	258	8	16	32	74	181	446	627	
35-39	14	34	53	100	5	15	16	37	88	186	274	
40-44	7	8	18	36	0	3	11	7	36	54	90	
45 & Over	6	9	16	26	1	0	5	7	28	42	70	
Unknown	1	5	8	19	1	1	12	34	22	59	81	
Totals	348	2,611	1,330	6,922	59	377	333	1,447	2,070	11,357	13,427	
	2,959		8,252		436		1,780		13,427			

Virginia
Chlamydia
by REPORTING SOURCE and GENDER

Calendar Years
 1998 - 1999

	1998	1999	% Change
Private			
Male	1,218	1,294	6.2%
Female	6,924	7,357	6.3%
Total Private	8,142	8,651	6.3%
Public			
Male	702	776	10.5%
Female	4,526	4,000	-11.6%
Total Public	5,228	4,776	-8.6%
Military			
Male	68	107	57.4%
Female	122	205	68.0%
Total Military	190	312	64.2%

Virginia
Comparison of MALES by RACE
Civilian Chlamydia Morbidity

Calendar Years
 1989 - 1999

Calendar Year	Chlamydia	White	% of Total	Non-White	% of Total	Race Unk	% of Total
1989*	270	85	31.5%	83	30.7%	102	37.8%
1990	646	166	25.7%	355	55.0%	125	19.3%
1991	856	238	27.8%	248	29.0%	370	43.2%
1992	580	118	20.3%	210	36.2%	252	43.4%

Calendar Year	Chlamydia	White	% of Total	Black	% of Total	Hispanic	% of Total	Other/Unknown	% of Total
1993	745	156	20.9%	274	36.8%	5	0.7%	310	41.6%
1994	833	179	21.5%	383	46.0%	16	1.9%	255	30.6%
1995	994	152	15.3%	494	49.7%	17	1.7%	331	33.3%
1996	1,116	204	18.3%	583	52.2%	27	2.4%	302	27.1%
1997	1,265	203	16.0%	671	53.0%	25	2.0%	366	28.9%
1998	1,920	318	16.6%	1,140	59.4%	54	2.8%	408	21.3%
1999	2,070	348	16.8%	1,330	64.3%	59	2.9%	333	16.1%

* Reporting began in July 1989.

Virginia
Comparison of FEMALES by RACE
Civilian Chlamydia Morbidity

Calendar Years

1989 - 1999

Calendar Year	Chlamydia	White	% of Total	Non-White	% of Total	Race Unk	% of Total
1989*	5,732	1,667	29.1%	2,947	51.4%	1,118	19.5%
1990	12,745	3,453	27.1%	6,839	53.7%	2,453	19.2%
1991	15,861	4,335	27.3%	7,998	50.4%	3,528	22.2%
1992	10,725	3,318	30.9%	5,115	47.7%	2,292	21.4%

Calendar Year	Chlamydia	White	% of Total	Black	% of Total	Hispanic	% of Total	Other/ Unknown	% of Total
1993	10,637	2,929	27.5%	5,061	47.6%	124	1.2%	2,523	23.7%
1994	12,086	3,583	29.6%	6,673	55.2%	226	1.9%	1,604	13.3%
1995	11,292	2,989	26.5%	5,927	52.5%	202	1.8%	2,174	19.3%
1996	10,639	2,899	27.2%	5,699	53.6%	277	2.6%	1,764	16.6%
1997	10,339	2,338	22.6%	5,628	54.4%	248	2.4%	2,125	20.6%
1998	11,450	2,502	21.9%	6,599	57.6%	330	2.9%	2,019	17.6%
1999	11,357	2,611	23.0%	6,922	60.9%	377	3.3%	1,447	12.7%

* Reporting began in July 1989.

Virginia
Comparison of Female/Male Proportions
Civilian Chlamydia Morbidity

Calendar Years
 1990 - 1999

Calendar Year	Chlamydia	Female	% of Total	Male	% of Total	Unknown	% of Total
1990	13,391	12,745	95.2%	646	4.8%	0	0.0%
1991	16,717	15,861	94.9%	856	5.1%	0	0.0%
1992	11,305	10,725	94.9%	580	5.1%	0	0.0%
1993	11,389	10,637	93.4%	745	6.5%	7	0.1%
1994	12,976	12,086	93.1%	833	6.4%	57	0.4%
1995	12,287	11,292	91.9%	994	8.1%	1	0.0%
1996	11,755	10,639	90.5%	1,116	9.5%	0	0.0%
1997	11,604	10,339	89.1%	1,265	10.9%	0	0.0%
1998	13,370	11,450	85.6%	1,920	14.4%	0	0.0%
1999	13,427	11,357	84.6%	2,070	15.4%	0	0.0%

Virginia
Comparison of Race Proportions
Civilian Chlamydia Morbidity

Calendar Years
 1990 - 1999

Calendar Year	Chlamydia	White	% of Total	Non-White	% of Total	Race Unk	% of Total	Other/Race	% of Total
1990	13,391	3,619	27.0%	7,055	52.7%	2,717	20.3%	1,923	14.0%
1991	16,717	4,573	27.4%	8,246	49.3%	3,898	23.3%	1,318	8.0%
1992	11,305	3,436	30.4%	5,325	47.1%	2,544	22.5%	2,061	18.1%
1993	11,389	3,085	27.1%	5,637	49.5%	129	1.1%	2,538	22.3%
1994	12,976	3,762	29.0%	7,069	54.5%	246	1.9%	1,899	14.6%
1995	12,287	3,141	25.6%	6,421	52.3%	219	1.8%	2,506	20.4%
1996	11,755	3,105	26.4%	6,282	53.4%	304	2.6%	2,064	17.6%
1997	11,604	2,541	21.9%	6,299	54.3%	273	2.4%	2,491	21.5%
1998	13,370	2,820	21.1%	7,739	57.9%	384	2.9%	2,427	18.2%
1999	13,427	2,959	22.0%	8,252	61.5%	436	3.2%	1,780	13.3%

Virginia
Civilian Chlamydia
by AGE GROUPS

Calendar Years
 1990-1994

Age Group (years)	1990		1991		1992		1993		1994	
	#	% of Total								
Under 10	55	0.4%	50	0.3%	40	0.4%	28	0.2%	13	0.1%
10-14	357	2.7%	455	2.7%	320	2.8%	376	3.3%	407	3.1%
15-19	5,769	43.1%	6,335	37.9%	4,407	39.0%	4,386	38.5%	5,052	38.9%
20-24	4,140	30.9%	5,383	32.2%	3,354	29.7%	3,423	30.1%	3,892	30.0%
25-29	1,440	10.8%	2,039	12.2%	1,405	12.4%	1,326	11.6%	1,617	12.5%
30-34	552	4.1%	939	5.6%	659	5.8%	743	6.5%	892	6.9%
35-39	215	1.6%	386	2.3%	318	2.8%	345	3.0%	431	3.3%
40-44	102	0.8%	148	0.9%	137	1.2%	135	1.2%	165	1.3%
45+	80	0.6%	124	0.7%	113	1.0%	101	0.9%	119	0.9%
Unknown	681	5.1%	858	5.1%	552	4.9%	526	4.6%	388	3.0%
Total	13,391		16,717		11,305		11,389		12,976	

Virginia
Civilian Chlamydia
by AGE GROUPS

Calendar Years
 1995-1999

Age Group (years)	1995		1996		1997		1998		1999	
	#	% of Total								
Under 10	42	0.3%	29	0.2%	28	0.2%	29	0.2%	33	0.2%
10-14	402	3.3%	309	2.6%	360	3.1%	351	2.6%	314	2.3%
15-19	5,300	43.1%	4,896	41.7%	4,960	42.7%	5,741	42.9%	5,739	42.7%
20-24	3,792	30.9%	3,725	31.7%	3,788	32.6%	4,404	32.9%	4,579	34.1%
25-29	1,454	11.8%	1,535	13.1%	1,377	11.9%	1,619	12.1%	1,620	12.1%
30-34	594	4.8%	591	5.0%	506	4.4%	635	4.7%	627	4.7%
35-39	226	1.8%	238	2.0%	244	2.1%	307	2.3%	274	2.0%
40-44	92	0.7%	87	0.7%	69	0.6%	90	0.7%	90	0.7%
45+	77	0.6%	70	0.6%	66	0.6%	78	0.6%	70	0.5%
Unknown	308	2.5%	275	2.3%	206	1.8%	116	0.9%	81	0.6%
Total	12,287		11,755		11,604		13,370		13,427	

Virginia
Civilian Chlamydia
by SELECTED CITIES/COUNTIES

Calendar Years
 1998 - 1999

City/County	1998	1999	% Change 1998 vs 1999
Alexandria	329	373	13.4%
Arlington	230	195	-15.2%
Charlottesville	258	306	18.6%
Chesapeake	395	389	-1.5%
Chesterfield	168	211	25.6%
Danville	408	430	5.4%
Fairfax County	378	412	9.0%
Hampton	476	424	-10.9%
Henrico	670	359	-46.4%
Lynchburg	265	220	-17.0%
Newport News	895	599	-33.1%
Norfolk	954	921	-3.5%
Petersburg	198	236	19.2%
Portsmouth	294	357	21.4%
Richmond City	1,623	1,974	21.6%
Roanoke City	465	382	-17.8%
Suffolk	234	242	3.4%
Virginia Beach	659	611	-7.3%
Total	8,899	8,641	-2.9%
All Other Cities/Counties	4,471	4,786	7.0%
State Total	13,370	13,427	0.4%

Virginia
Civilian Chlamydia Morbidity
by SELECTED CITIES/COUNTIES
Five Year Trend

Calendar Years
 1995 - 1999

City/County	1995	1996	1997	1998	1999	Five Year Average
Alexandria	308	263	290	329	373	312.6
Arlington	307	267	220	230	195	243.8
Charlottesville	152	187	176	258	306	215.8
Chesapeake	246	238	289	395	389	311.4
Chesterfield	170	127	136	168	211	162.4
Danville	260	222	292	408	430	322.4
Fairfax County	490	543	539	378	412	472.4
Hampton	281	261	220	476	424	332.4
Henrico	132	121	433	670	359	343.0
Lynchburg	223	257	206	265	220	234.2
Newport News	634	600	340	895	599	613.6
Norfolk	832	801	898	954	921	881.2
Petersburg	199	145	179	198	236	191.4
Portsmouth	241	298	233	294	357	284.6
Richmond City	2,150	2,036	2,176	1,623	1,974	1,991.8
Roanoke City	410	395	370	465	382	404.4
Suffolk	210	185	164	234	242	207.0
Virginia Beach	424	592	584	659	611	574.0
Total	7,669	7,538	7,745	8,899	8,641	8,098.4
All Other Cities/Counties	4,618	4,217	3,859	4,471	4,786	4,390.2
State Total	12,287	11,755	11,604	13,370	13,427	12,488.6

Virginia
Civilian Chlamydia Morbidity
by HEALTH REGION

Calendar Years

1998 - 1999

<u>Region</u>	<u>1998 Cases</u>	<u>Percent of Total Cases</u>	<u>1999 Cases</u>	<u>Percent of Total Cases</u>	<u>% Change</u>
Central	3,584	31.3%	3,666	27.3%	2.3%
Eastern	4,772	28.9%	4,330	32.2%	-9.3%
Northern	1,734	15.0%	1,886	14.0%	8.8%
Northwest	1,481	10.9%	1,618	12.1%	9.3%
<u>Southwest</u>	<u>1,799</u>	<u>13.9%</u>	<u>1,927</u>	<u>14.4%</u>	<u>7.1%</u>
TOTAL	13,370		13,427		0.4%

Gonorrhœa

Virginia
Civilian Gonorrhea
by AGE, GENDER, and RACE

Calendar Years
 1998 - 1999

Reported Gonorrhea Cases
 by Age, Gender, Race and Source

	1998												Total			Total	
	White			Black			Hispanic			Other/Unknown			Total				
	Males	Females	Unk	Males	Females	Unk	Males	Females	Unk	Males	Females	Unk	Males	Females	Unk		
Under 10	0	2	0	5	3	0	0	0	0	5	1	0	10	6	0	16	
10-14	0	13	0	15	115	0	0	0	0	3	16	0	18	144	0	162	
15-19	38	252	0	831	1,388	0	10	22	0	113	202	1	992	1,864	1	2,857	
20-24	71	199	0	1,201	976	0	17	9	0	118	159	0	1,407	1,343	0	2,750	
25-29	53	82	0	660	387	0	12	4	0	77	62	0	802	535	0	1,337	
30-34	38	47	0	378	212	0	4	0	0	65	42	0	485	301	0	786	
35-39	35	10	0	344	134	0	1	2	0	32	30	0	412	176	0	588	
40-44	11	2	0	190	49	0	2	2	0	25	10	1	228	63	1	292	
45 & Over	14	7	0	220	19	0	0	0	0	41	8	0	275	34	0	309	
Unknown	2	6	0	28	21	0	2	1	0	29	29	0	61	57	0	118	
Totals	262	620	0	3,872	3,304	0	48	40	0	508	559	2	4,690	4,523	2	9,215	
		882			7,176			88			1,069				9,215		

	1999												Total			Total	
	White			Black			Hispanic			Other/Unknown			Total				
	Males	Females	Unk	Males	Females	Unk	Males	Females	Unk	Males	Females	Unk	Males	Females	Unk		
Under 10	0	1	0	2	8	0	0	0	0	1	1	0	3	10	0	13	
10-14	0	19	0	11	109	0	1	1	0	1	15	0	13	144	0	157	
15-19	44	236	0	753	1,339	1	4	15	0	85	167	0	886	1,757	1	2,644	
20-24	63	187	0	1,242	1,065	1	13	20	0	108	136	0	1,426	1,408	1	2,835	
25-29	47	58	0	747	445	0	14	2	0	76	63	1	884	568	1	1,453	
30-34	32	44	0	439	242	1	8	2	0	56	25	0	535	313	1	849	
35-39	35	24	0	365	127	0	6	0	0	36	21	0	442	172	0	614	
40-44	25	11	0	215	62	0	1	1	0	25	11	0	266	85	0	351	
45 & Over	33	2	0	210	27	0	1	0	0	23	3	0	267	32	0	299	
Unknown	1	7	0	23	23	0	1	0	0	26	19	0	51	49	0	100	
Totals	280	589	0	4,007	3,447	3	49	41	0	437	461	1	4,773	4,538	4	9,315	
		869			7,457			90			899				9,315		

Virginia
Uncomplicated and Resistant Gonorrhea
by REPORTING SOURCE and GENDER

Calendar Years
 1998 - 1999

	1998	1999	% Change
Private			
Male	2,506	2,682	7.0%
Female	3,072	3,268	6.4%
Total Private*	5,580	5,953	6.7%
Public			
Male	2,184	2,091	-4.3%
Female	1,451	1,270	-12.5%
Total Public*	3,635	3,362	-7.5%
Military			
Male	29	29	0.0%
Female	20	20	0.0%
Total Military*	49	49	0.0%

* Total includes unknown gender.

Virginia
Comparison of MALES by RACE
Civilian Gonorrhea Morbidity

Calendar Years

1981 - 1999

Calendar Year	Gonorrhea	White	% of Total	Non-White	% of Total	Race Unk	% of Total
1981	11,859	2,331	19.7%	9,528	80.3%	0	0.0%
1982	11,719	2,032	17.3%	9,547	81.5%	140	1.2%
1983	12,078	1,608	13.3%	9,737	80.6%	733	6.1%
1984	11,753	1,286	10.9%	9,979	84.9%	488	4.2%
1985	11,153	1,244	11.2%	9,199	82.5%	710	6.4%
1986	10,398	1,131	10.9%	8,600	82.7%	667	6.4%
1987	8,096	741	9.2%	7,074	87.4%	281	3.5%
1988	8,152	582	7.1%	7,345	90.1%	225	2.8%
1989	9,432	562	6.0%	8,386	88.9%	484	5.1%
1990	10,569	449	4.2%	8,947	84.7%	1,173	11.1%
1991	10,261	422	4.1%	9,268	90.3%	571	5.6%
1992	9,029	327	3.6%	7,629	84.5%	1,073	11.9%

Calendar Year	Gonorrhea	White	% of Total	Black	% of Total	Hispanic	% of Total	Other/ Unknown	% of Total
1993	6,595	217	3.3%	5,749	87.2%	26	0.4%	603	9.1%
1994	7,349	299	4.1%	6,291	85.6%	31	0.4%	728	9.9%
1995	5,432	272	5.0%	4,532	83.4%	24	0.4%	604	11.1%
1996	4,788	299	6.2%	3,950	82.5%	30	0.6%	509	10.6%
1997	4,471	226	5.1%	3,755	84.0%	33	0.7%	457	10.2%
1998	4,690	262	5.6%	3,872	82.6%	48	1.0%	508	10.8%
1999	4,773	280	5.9%	4,007	84.0%	49	1.0%	437	9.2%

Virginia
Comparison of FEMALES by RACE
Civilian Gonorrhea Morbidity

Calendar Years

1981-1999

Calendar Year	Gonorrhea	White	% of Total	Non-White	% of Total	Race Unk	% of Total	Calendar Year
1981	10,249	2,207	21.5%	8,042	78.5%	0	0.0%	1981
1982	9,384	1,992	21.2%	7,345	78.3%	47	0.5%	1982
1983	9,044	1,724	19.1%	7,287	80.6%	33	0.4%	1983
1984	8,446	1,361	16.1%	6,800	80.5%	285	3.4%	1984
1985	7,968	1,381	17.3%	6,555	82.3%	32	0.4%	1985
1986	8,344	1,548	18.6%	6,680	80.1%	116	1.4%	1986
1987	6,257	1,044	16.7%	5,002	79.9%	211	3.4%	1987
1988	6,312	895	14.2%	5,268	83.5%	149	2.4%	1988
1989	6,561	754	11.5%	5,473	83.4%	334	5.1%	1989
1990	7,083	757	10.7%	5,460	77.1%	866	12.2%	1990
1991	6,995	761	10.9%	5,625	80.4%	609	8.7%	1991
1992	6,744	628	9.3%	5,058	75.0%	1,058	15.7%	1992
Calendar Year	Gonorrhea	White	% of Total	Black	% of Total	Hispanic	% of Total	Other/ Unknown % of Total
1993	5,015	555	11.1%	3,863	77.0%	31	0.6%	566 11.3%
1994	6,025	745	12.4%	4,630	76.8%	22	0.4%	628 10.4%
1995	4,909	632	12.9%	3,618	73.7%	12	0.2%	647 13.2%
1996	4,502	667	14.8%	3,276	72.8%	22	0.5%	537 11.9%
1997	4,250	583	13.7%	3,061	72.0%	27	0.6%	579 13.6%
1998	4,523	620	13.7%	3,304	73.0%	40	0.9%	559 12.4%
1999	4,538	589	13.0%	3,447	76.0%	41	0.9%	461 10.2%

Virginia
Comparison of Female/Male Proportions
Civilian Gonorrhea Morbidity

Calendar Years
 1980 - 1999

Calendar Year	Gonorrhea	Female	% of Total	Male	% of Total	Unknown	% of Total
1980	23,246	10,825	46.6%	12,421	53.4%	0	0.0%
1981	22,108	10,249	46.4%	11,859	53.6%	0	0.0%
1982	21,103	9,384	44.5%	11,719	55.5%	0	0.0%
1983	21,122	9,044	42.8%	12,078	57.2%	0	0.0%
1984	20,199	8,446	41.8%	11,753	58.2%	0	0.0%
1985	19,121	7,968	41.7%	11,153	58.3%	0	0.0%
1986	18,742	8,344	44.5%	10,398	55.5%	0	0.0%
1987	14,353	6,257	43.6%	8,096	56.4%	0	0.0%
1988	14,464	6,312	43.6%	8,152	56.4%	0	0.0%
1989	15,993	6,561	41.0%	9,432	59.0%	0	0.0%
1990	17,652	7,083	40.1%	10,569	59.9%	0	0.0%
1991	17,256	6,995	40.5%	10,261	59.5%	0	0.0%
1992	15,773	6,744	42.8%	9,029	57.2%	0	0.0%
1993	11,620	5,015	43.2%	6,595	56.8%	10	0.1%
1994	13,414	6,025	44.9%	7,349	54.8%	40	0.3%
1995	10,342	4,909	47.5%	5,432	52.5%	1	0.0%
1996	9,292	4,502	48.5%	4,788	51.5%	2	0.0%
1997	8,731	4,250	48.7%	4,471	51.2%	10	0.1%
1998	9,215	4,523	49.1%	4,690	50.9%	2	0.0%
1999	9,315	4,538	48.7%	4,773	51.2%	4	0.0%

Virginia

Comparison of Civilian Gonorrhea Morbidity Trends*

FEMALES

Calendar Years

1980 - 1999

Calendar Year	Total Gonorrhea Morbidity	% Increase/Decrease Over Previous Year	Female Morbidity	% Female	% Increase/Decrease Over Previous Year
1980	23,246	0.9%	10,825	46.6%	-0.1%
1981	22,108	-4.9%	10,249	46.4%	-5.3%
1982	21,103	-4.5%	9,384	44.5%	-8.4%
1983	21,122	0.1%	9,044	42.8%	-3.6%
1984	20,199	-4.4%	8,446	41.8%	-6.6%
1985	19,121	-5.3%	7,968	41.7%	-5.7%
1986	18,742	-2.0%	8,344	44.5%	4.7%
1987	14,353	-23.4%	6,257	43.6%	-25.0%
1988	14,464	0.8%	6,312	43.6%	0.9%
1989	15,993	10.6%	6,561	41.0%	3.9%
1990	17,652	10.4%	7,083	40.1%	8.0%
1991	17,256	-2.2%	6,995	40.5%	-1.2%
1992	15,773	-8.6%	6,744	42.8%	-3.6%
1993	11,620	-26.3%	5,015	43.2%	-25.6%
1994	13,414	15.4%	6,025	44.9%	20.1%
1995	10,342	-22.9%	4,909	47.5%	-18.5%
1996	9,292	-10.2%	4,502	48.5%	-8.3%
1997	8,731	-6.0%	4,250	48.7%	-5.6%
1998	9,215	5.5%	4,523	49.1%	6.4%
1999	9,315	1.1%	4,538	48.7%	0.3%

* Includes Uncomplicated and Resistant

Virginia
Comparison of Race Proportions
Civilian Gonorrhea Morbidity

Calendar Years
 1981 - 1999

Calendar Year	Gonorrhea	White	% of Total	Non-White	% of Total	Race Unk	% of Total
1981	22,108	4,538	20.5%	17,570	79.5%	0	0.0%
1982	21,103	4,024	19.1%	16,892	80.0%	187	0.9%
1983	21,122	3,332	15.8%	17,024	80.6%	766	3.6%
1984	20,199	2,647	13.1%	16,779	83.1%	773	3.8%
1985	19,121	2,625	13.7%	15,754	82.4%	742	3.9%
1986	18,742	2,679	14.3%	15,280	81.5%	783	4.2%
1987	14,353	1,785	12.4%	12,076	84.1%	492	3.4%
1988	14,464	1,477	10.2%	12,613	87.2%	374	2.6%
1989	15,993	1,316	8.2%	13,859	86.7%	818	5.1%
1990	17,652	1,206	6.8%	14,407	81.6%	2,039	11.6%
1991	17,256	1,183	6.9%	14,893	86.3%	1,180	6.8%
1992	15,773	955	6.1%	12,687	80.4%	2,131	13.5%

Calendar Year	Gonorrhea	White	% of Total	Black	% of Total	Hispanic	% of Total	Other/ Unknown	% of Total
1993	11,620	772	6.6%	9,612	82.7%	58	0.5%	1,178	10.1%
1994	13,414	1,044	7.8%	10,928	81.5%	53	0.4%	1,389	10.4%
1995	10,342	904	8.7%	8,150	78.8%	36	0.3%	1,252	12.1%
1996	9,292	967	10.4%	7,227	77.8%	52	0.6%	1,046	11.3%
1997	8,731	810	9.3%	6,823	78.1%	60	0.7%	1,038	11.9%
1998	9,215	882	9.6%	7,176	77.9%	88	1.0%	1,069	11.6%
1999	9,315	869	9.3%	7,457	80.1%	90	1.0%	899	9.7%

42 Virginia
Civilian Gonorrhea
by AGE GROUPS

Calendar Years
1979 - 1985

Age Group (years)	1979		1980		1981		1982		1983		1984		1985	
	#	% of Total												
Under 10	60	0.3%	42	0.2%	45	0.2%	55	0.3%	106	0.5%	71	0.4%	31	0.2%
10-14	285	1.2%	283	1.2%	236	1.1%	221	1.0%	232	1.1%	274	1.4%	275	1.4%
15-19	6,246	27.1%	6,272	27.0%	5,736	25.9%	5,145	24.4%	5,448	25.8%	5,111	25.3%	4,786	25.0%
20-24	8,308	36.1%	8,252	35.5%	8,199	37.1%	7,878	37.3%	7,705	36.5%	7,231	35.8%	6,710	35.1%
25-29	4,017	17.4%	4,067	17.5%	4,089	18.5%	4,156	19.7%	4,098	19.4%	3,890	19.3%	3,774	19.7%
30-34	1,456	6.3%	1,620	7.0%	1,579	7.1%	1,637	7.8%	1,629	7.7%	1,691	8.4%	1,575	8.2%
35-39	554	2.4%	553	2.4%	528	2.4%	577	2.7%	654	3.1%	652	3.2%	646	3.4%
40-44	232	1.0%	234	1.0%	257	1.2%	240	1.1%	234	1.1%	244	1.2%	245	1.3%
45+	202	0.9%	221	1.0%	245	1.1%	248	1.2%	244	1.2%	248	1.2%	236	1.2%
Unknown	1,672	7.3%	1,702	7.3%	1,194	5.4%	946	4.5%	772	3.7%	787	3.9%	843	4.4%
Total	23,032		23,246		22,108		21,103		21,122		20,199		19,121	

Virginia
Civilian Gonorrhea
by AGE GROUPS

Calendar Years
 1986 - 1992

Age Group (years)	1986		1987		1988		1989		1990		1991		1992	
	#	% of Total												
Under 10	22	0.1%	23	0.2%	23	0.2%	27	0.2%	58	0.3%	20	0.1%	24	0.2%
10-14	219	1.2%	167	1.2%	211	1.5%	219	1.4%	249	1.4%	309	1.8%	283	1.8%
15-19	5,069	27.0%	3,788	26.4%	3,957	27.4%	4,242	26.5%	4,625	26.2%	4,638	26.9%	4,073	25.8%
20-24	6,189	33.0%	4,831	33.7%	4,824	33.4%	4,770	29.8%	5,068	28.7%	5,099	29.5%	4,535	28.8%
25-29	3,581	19.1%	2,738	19.1%	2,691	18.6%	3,036	19.0%	3,396	19.2%	3,116	18.1%	2,759	17.5%
30-34	1,452	7.7%	1,202	8.4%	1,396	9.7%	1,678	10.5%	1,955	11.1%	1,798	10.4%	1,704	10.8%
35-39	584	3.1%	484	3.4%	566	3.9%	850	5.3%	991	5.6%	917	5.3%	956	6.1%
40-44	207	1.1%	203	1.4%	215	1.5%	331	2.1%	428	2.4%	488	2.8%	448	2.8%
45+	192	1.0%	150	1.0%	191	1.3%	304	1.9%	362	2.1%	402	2.3%	407	2.6%
Unknown	1,227	6.5%	767	5.3%	390	2.7%	536	3.4%	520	2.9%	469	2.7%	584	3.7%
Total	18,742		14,353		14,464		15,993		17,652		17,256		15,773	

† Virginia
Civilian Gonorrhea
by AGE GROUPS

Calendar Years
 1993 - 1999

Age Group (years)	1993		1994		1995		1996		1997		1998		1999	
	#	% of Total	#	% of Total	#	% of Total	#	% of Total	#	% of Total	#	% of Total	#	% of Total
Under 10	15	0.1%	24	0.2%	36	0.3%	11	0.1%	17	0.2%	16	0.2%	13	0.1%
10-14	227	2.0%	295	2.2%	173	1.7%	144	1.5%	133	1.5%	162	1.8%	157	1.7%
15-19	3,102	26.7%	3,882	28.9%	3,000	29.0%	2,586	27.8%	2,613	29.9%	2,857	31.0%	2,644	28.4%
20-24	3,207	27.6%	3,748	27.9%	2,849	27.5%	2,694	29.0%	2,593	29.7%	2,750	29.8%	2,835	30.4%
25-29	1,950	16.8%	2,013	15.0%	1,601	15.5%	1,421	15.3%	1,329	15.2%	1,337	14.5%	1,453	15.6%
30-34	1,350	11.6%	1,456	10.9%	1,084	10.5%	1,023	11.0%	801	9.2%	786	8.5%	849	9.1%
35-39	701	6.0%	845	6.3%	709	6.9%	558	6.0%	519	5.9%	588	6.4%	614	6.6%
40-44	377	3.2%	447	3.3%	400	3.9%	338	3.6%	309	3.5%	292	3.2%	351	3.8%
45+	328	2.8%	382	2.8%	326	3.2%	301	3.2%	271	3.1%	309	3.4%	299	3.2%
Unknown	363	3.1%	322	2.4%	164	1.6%	216	2.3%	146	1.7%	118	1.3%	100	1.1%
Total	11,620		13,414		10,342		9,292		8,731		9,215		9,315	

Virginia
Civilian Gonorrhea Cases
by SELECTED CITIES/COUNTIES

Calendar Years
 1998 - 1999

City/County	1998	1999	% Change 1998 vs 1999
Alexandria	267	229	-14.2%
Arlington	111	83	-25.2%
Charlottesville	168	140	-16.7%
Chesapeake	241	262	8.7%
Chesterfield	58	95	63.8%
Danville	302	250	-17.2%
Fairfax County	130	156	20.0%
Hampton	341	364	6.7%
Henrico	358	312	-12.8%
Lynchburg	159	116	-27.0%
Newport News	819	857	4.6%
Norfolk	1,415	1,291	-8.8%
Petersburg	137	186	35.8%
Portsmouth	357	332	-7.0%
Richmond City	1,529	1,827	19.5%
Roanoke City	354	298	-15.8%
Suffolk	166	212	27.7%
Virginia Beach	428	454	6.1%
Total	7,340	7,464	1.7%
All Other Cities/Counties	1,875	1,851	-1.3%
State Total	9,215	9,315	1.1%

Virginia
Civilian Gonorrhea Morbidity
by SELECTED CITIES/COUNTIES
Five Year Trend

Calendar Years
 1995 - 1999

City/County	1995	1996	1997	1998	1999	Five Year Average
Alexandria	246	254	249	267	229	249.0
Arlington	133	113	102	111	83	108.4
Charlottesville	135	81	90	168	140	122.8
Chesapeake	364	273	262	241	262	280.4
Chesterfield	68	58	52	58	95	66.2
Danville	365	414	274	302	250	321.0
Fairfax County	244	184	201	130	156	183.0
Hampton	345	296	339	341	364	337.0
Henrico	81	63	217	358	312	206.2
Lynchburg	180	240	200	159	116	179.0
Newport News	573	588	495	819	857	666.4
Norfolk	1,679	1,451	1,462	1,415	1,291	1459.6
Petersburg	135	95	183	137	186	147.2
Portsmouth	611	491	416	357	332	441.4
Richmond City	2,372	1,737	1,466	1,529	1,827	1786.2
Roanoke City	286	255	308	354	298	300.2
Suffolk	152	217	195	166	212	188.4
Virginia Beach	382	403	372	428	454	407.8
Total	8,351	7,213	6,883	7,340	7,464	7,450.2
All Other Cities/Counties	1,991	2,079	1,848	1,875	1,851	1,928.8
State Total	10,342	9,292	8,731	9,215	9,315	9,379.0

Virginia
Civilian Gonorrhea Morbidity
by HEALTH REGION

Calendar Years
 1998 - 1999

Region	1998 Cases	Percent of Total Cases	1999 Cases	Percent of Total Cases	% Change
Central	2,475	25.8%	2,842	30.5%	14.8%
Eastern	4,216	44.4%	4,206	45.2%	-0.2%
Northern	812	10.7%	743	8.0%	-8.5%
Northwest	482	5.8%	507	5.4%	5.2%
Southwest	1,230	13.3%	1,017	10.9%	-17.3%
TOTAL	9,215		9,315		1.1%

**United States vs. Virginia
PPNG* Morbidity**

Calendar Years
1976 - 1999

<u>Year</u>	<u>US PPNG Morbidity</u>	<u>VA PPNG Morbidity</u>
1976	98	1
1977	185	4
1978	202	1
1979	328	0
1980	1,118	34
1981	2,712	21
1982	4,464	56
1983	3,724	25
1984	3,625	21
1985	8,228	38
1986	15,141	71
1987	23,591	142
1988	35,957	531
1989	54,481	1,130
1990	64,972	1,290
1991	N/A	1,841
1992	N/A	488
1993	N/A	40
1994	N/A	29
1995	N/A	6
1996	N/A	2
1997	N/A	0
1998	N/A	1
1999	N/A	0

* Penicillinase-producing *Neisseria gonorrhoeae*. A type of gonorrhea that produces an enzyme that inactivates penicillin

HIV Infection

11

Virginia
HIV Morbidity
by AGE, GENDER, and RACE

Calendar Years
 1998 - 1999

	1998												Total 1998-1999	
	White		Black		Hispanic		Other/Unknown		Total					
	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females				
Under 10	1	0	3	3	1	0	0	1	5	4			9	
10-14	0	0	1	1	0	0	0	0	1	1			2	
15-19	2	1	9	12	0	0	1	0	12	13			25	
20-24	15	8	40	17	2	1	1	1	58	27			85	
25-29	24	4	53	37	3	0	3	1	83	42			125	
30-34	40	8	79	39	9	1	2	1	130	49			179	
35-39	40	10	77	34	5	1	0	0	122	45			167	
40-44	25	6	58	22	4	0	1	0	88	28			116	
45 & Over	20	7	51	31	4	0	3	1	78	39			117	
Unknown	0	0	0	0	0	0	0	0	0	0			0	
Totals	167	44	371	196	28	3	11	5	577	248			825	
	211		567		31		16		825					

	1999												Total 1999	
	White		Black		Hispanic		Other/Unknown		Total					
	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females				
Under 10	0	1	2	1	0	0	0	0	2	2			4	
10-14	0	0	0	2	0	0	0	0	0	2			2	
15-19	2	1	23	13	2	2	0	0	27	16			43	
20-24	16	7	36	36	5	0	3	0	60	43			103	
25-29	34	3	54	51	7	3	1	0	96	57			153	
30-34	40	12	67	43	2	2	2	0	111	57			168	
35-39	41	7	88	37	8	0	1	0	138	44			182	
40-44	28	2	67	25	1	0	0	0	96	27			123	
45 & Over	38	6	62	31	2	4	1	0	103	41			144	
Unknown	0	0	0	0	0	0	0	0	0	0			0	
Totals	199	39	399	239	27	11	8	0	633	289			922	
	238		638		38		8		922					

Virginia
HIV
by REPORTING SOURCE and GENDER

Calendar Years
 1998 - 1999

	1998	1999	% Change
Private			
Male	427	495	15.9%
Female	176	225	27.8%
Total Private	603	720	19.4%
Public			
Male	125	120	-4.0%
Female	71	60	-15.5%
Total Public	196	180	-8.2%
Military			
Male	25	18	-28.0%
Female	1	4	300.0%
Total Military	26	22	-15.4%

Virginia
Comparison of MALES by RACE
HIV Morbidity

Calendar Years
 1989 - 1999

Calendar Year	HIV	White	% of Total	Black	% of Total	Hispanic	% of Total	Other/Unknown	% of Total
1989*	173	86	49.7%	78	45.1%	9	5.2%	0	0.0%
1990	875	307	35.1%	534	61.0%	15	1.7%	19	2.2%
1991	1,267	429	33.9%	787	62.1%	29	2.3%	22	1.7%
1992	1,015	359	35.4%	637	62.8%	18	1.8%	1	0.1%
1993	1,095	430	39.3%	632	57.7%	26	2.4%	7	0.6%
1994	838	285	34.0%	513	61.2%	23	2.7%	17	2.0%
1995	939	334	35.6%	546	58.1%	36	3.8%	23	2.4%
1996	695	202	29.1%	469	67.5%	16	2.3%	8	1.2%
1997	703	202	28.7%	466	66.3%	23	3.3%	12	1.7%
1998	577	167	28.9%	371	64.3%	28	4.9%	11	1.9%
1999	633	199	31.4%	399	63.0%	27	4.3%	8	1.3%

* Reporting began July 1989.

Virginia
Comparison of FEMALES by RACE
HIV Morbidity

Calendar Years
1989 - 1999

Calendar Year	HIV	White	% of Total	Black	% of Total	Hispanic	% of Total	Other/Unknown	% of Total
1989*	22	6	27.3%	15	68.2%	1	4.5%	0	0.0%
1990	263	56	21.3%	201	76.4%	6	2.3%	0	0.0%
1991	374	87	23.3%	278	74.3%	9	2.4%	0	0.0%
1992	347	75	21.6%	263	75.8%	9	2.6%	0	0.0%
1993	385	82	21.3%	292	75.8%	6	1.6%	5	1.3%
1994	286	52	18.2%	217	75.9%	7	2.4%	10	3.5%
1995	329	63	19.1%	258	78.4%	8	2.4%	0	0.0%
1996	292	59	20.2%	217	74.3%	10	3.4%	6	2.1%
1997	295	39	13.2%	246	83.4%	7	2.4%	3	1.0%
1998	248	44	17.7%	196	79.0%	3	1.2%	5	2.0%
1999	289	39	13.5%	239	82.7%	11	3.8%	0	0.0%

* Reporting began July 1989.

Virginia
Comparison of Female/Male Proportions
HIV Morbidity

Calendar Years
 1989 - 1999

Calendar Year	HIV	Female	% of Total	Male	% of Total
1989*	195	22	11.3%	173	88.7%
1990	1,143	256	22.4%	887	77.6%
1991	1,644	376	22.9%	1,268	77.1%
1992	1,372	350	25.5%	1,022	74.5%
1993	1,484	382	25.7%	1,102	74.3%
1994	1,124	286	25.4%	838	74.6%
1995	1,268	329	25.9%	939	74.1%
1996	987	292	29.6%	695	70.4%
1997	998	295	29.6%	703	70.4%
1998	825	248	30.1%	577	69.9%
1999	922	289	31.3%	633	68.7%

* Reporting began July 1989.

Virginia
Comparison of Race Proportions
HIV Morbidity

Calendar Years
 1989 - 1999

Calendar Year	HIV	White	% of Total	Black	% of Total	Hispanic	% of Total	Other/Unknown	% of Total
1989*	195	92	47.2%	93	47.7%	10	5.1%	0	0.0%
1990	1,143	361	31.6%	738	64.6%	21	1.8%	23	2.0%
1991	1,644	516	31.4%	1,065	64.8%	38	2.3%	25	1.5%
1992	1,372	437	31.9%	900	65.6%	27	2.0%	8	0.6%
1993	1,484	508	34.2%	924	62.3%	32	2.2%	20	1.3%
1994	1,124	337	30.0%	730	64.9%	30	2.7%	27	2.4%
1995	1,268	397	31.3%	804	63.4%	44	3.5%	23	1.8%
1996	987	261	26.4%	686	69.5%	26	2.6%	14	1.4%
1997	998	241	24.1%	712	71.3%	30	3.0%	15	1.5%
1998	825	211	25.6%	567	68.7%	31	3.8%	16	1.9%
1999	922	238	25.8%	638	69.2%	38	4.1%	8	0.9%

* Reporting began July 1989.

Virginia
HIV
by AGE GROUPS

Calendar Years
 1989 - 1994

Age Group (years)	1989*		1990		1991		1992		1993		1994	
	#	% of Total										
Under 10	0	0.0%	2	0.2%	15	0.9%	11	0.8%	27	1.8%	16	1.4%
10-14	0	0.0%	1	0.1%	3	0.2%	4	0.3%	3	0.2%	2	0.2%
15-19	2	1.0%	28	2.5%	40	2.4%	30	2.2%	44	3.0%	29	2.6%
20-24	31	15.9%	177	15.6%	216	13.2%	185	13.6%	172	11.6%	126	11.2%
25-29	71	36.4%	286	25.1%	407	24.8%	278	20.4%	319	21.6%	241	21.4%
30-34	49	25.1%	282	24.8%	389	23.7%	299	21.9%	349	23.6%	260	23.1%
35-39	26	13.3%	170	14.9%	249	15.2%	273	20.0%	248	16.8%	207	18.4%
40-44	9	4.6%	100	8.8%	192	11.7%	149	10.9%	183	12.4%	131	11.7%
45+	7	3.6%	92	8.1%	129	7.9%	134	9.8%	135	9.1%	112	10.0%
Unknown	0	0.0%	0	0.0%	1	0.1%	0	0.0%	0	0.0%	0	0.0%
Total	195		1,138		1,641		1,363		1,480		1,124	

* Reporting began July 1989.

95 Virginia

HIV

by AGE GROUPS

Calendar Years

1995 - 1998

Age Group (years)	1995		1996		1997		1998		1999	
	#	% of Total	#	% of Total	#	% of Total	#	% of Total	#	% of Total
Under 10	6	0.5%	10	1.0%	9	0.9%	9	1.1%	4	0.4%
10-14	0	0.0%	0	0.0%	4	0.4%	2	0.2%	2	0.2%
15-19	34	2.7%	41	4.2%	32	3.2%	25	3.0%	43	4.7%
20-24	139	11.0%	148	15.0%	118	11.8%	85	10.3%	103	11.2%
25-29	244	19.2%	189	19.1%	158	15.8%	125	15.2%	153	16.6%
30-34	298	23.5%	218	22.1%	209	20.9%	179	21.7%	168	18.2%
35-39	238	18.8%	169	17.1%	187	18.7%	167	20.2%	182	19.7%
40-44	162	12.8%	123	12.5%	134	13.4%	116	14.1%	123	13.3%
45+	147	11.6%	89	9.0%	146	14.6%	117	14.2%	144	15.6%
Unknown	0	0.0%	0	0.0%	1	0.1%	0	0.0%	0	0.0%
Total	1,268		987		998		825		922	

**Virginia
HIV Cases
by SELECTED CITIES/COUNTIES**

Calendar Years

1998 - 1999

City/County	1998	1999	% Change
			1998 vs 1999
Alexandria	54	55	1.9%
Arlington	48	47	-2.1%
Charlottesville	2	9	350.0%
Chesapeake	13	27	107.7%
Chesterfield	25	11	-56.0%
Danville	9	5	-44.4%
Fairfax County	57	76	33.3%
Hampton	25	22	-12.0%
Henrico	28	36	28.6%
Lynchburg	13	7	-46.2%
Newport News	40	44	10.0%
Norfolk	104	92	-11.5%
Petersburg	20	24	20.0%
Portsmouth	22	24	9.1%
Richmond City	111	135	21.6%
Roanoke City	8	19	137.5%
Suffolk	14	6	-57.1%
Virginia Beach	42	51	21.4%
Total	635	690	8.7%
All Other Cities/Counties	190	232	22.1%
State Total	825	922	11.8%

Virginia
HIV Morbidity
by SELECTED CITIES/COUNTIES
Five Year Trend

Calendar Years
 1995 - 1999

City/County	1995	1996	1997	1998	1999	Five Year Average
Alexandria	46	40	73	54	55	53.6
Arlington	54	42	47	48	47	47.6
Charlottesville	8	11	12	2	9	8.4
Chesapeake	32	27	21	13	27	24.0
Chesterfield	25	14	19	25	11	18.8
Danville	5	11	5	9	5	7.0
Fairfax County	90	41	37	57	76	60.2
Hampton	44	40	36	25	22	33.4
Henrico	45	7	23	28	36	27.8
Lynchburg	18	13	8	13	7	11.8
Newport News	44	54	46	40	44	45.6
Norfolk	185	218	130	104	92	145.8
Petersburg	27	17	16	20	24	20.8
Portsmouth	48	30	34	22	24	31.6
Richmond City	202	103	104	111	135	131.0
Roanoke City	38	39	36	8	19	28.0
Suffolk	12	15	12	14	6	11.8
Virginia Beach	86	66	77	42	51	64.4
Total	1,009	788	736	635	690	771.6
All Other Cities/Counties	259	199	262	190	232	228.4
State Total	1,268	987	998	825	922	1,000.0

Virginia
HIV Morbidity
by HEALTH REGION

Calendar Years

1998 - 1999

Region	1998 Cases	Percent of Total Cases	1999 Cases	Percent of Total Cases	% Change
Central	233	28.2%	274	29.7%	17.6%
Eastern	291	35.3%	292	31.7%	0.3%
Northern	199	24.1%	238	25.8%	19.6%
Northwest	51	6.2%	52	5.6%	2.0%
Southwest	51	6.2%	66	7.2%	29.4%
TOTAL	825		922		11.8%

**Virginia
HIV Morbidity
by TRANSMISSION CATEGORY**

Calendar Years
1998 - 1999

Transmission Category	1998 Cases	Percent of Total Cases	1999 Cases	Percent of Total Cases	% Change
MSM	266	32.2%	291	31.6%	9.4%
IDU	92	11.2%	80	8.7%	-13.0%
Transfusion	4	0.5%	4	0.4%	0.0%
MSM & IDU	22	2.7%	18	2.0%	-18.2%
Pediatric	10	1.2%	4	0.4%	-60.0%
Hemophiliac	1	0.1%	3	0.3%	*
Heterosexual	187	22.7%	215	23.3%	15.0%
Multiple Hetero	32	3.9%	31	3.4%	-3.1%
NIR	211	25.6%	276	29.9%	30.8%
TOTAL	825		922		11.8%

MSM - Men having Sex with Men includes men who report sexual contact with other men and men who report sexual contact with both men and women.

IDU - Injecting Drug Use includes people who inject non-prescription drugs

Multiple Hetero - Multi heterosexual contact indicates cases with none of the above risk factors, but have had two or more heterosexual partners with undocumented risk.

NIR - No Identifiable Risk

* Increase from zero.

AIDS

Virginia
AIDS Morbidity
by AGE, GENDER and RACE

Calendar Years
 1998 - 1999

	1998											
	White		Black		Hispanic		Other/Unknown		Total		Total	
	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females		
Under 10	1	0	0	3	0	0	0	0	1	3	4	
10-14	0	0	0	1	0	0	0	0	0	1	1	
15-19	1	0	1	1	0	0	0	0	2	1	3	
20-24	11	2	17	11	1	0	1	0	30	13	43	
25-29	27	7	46	23	4	1	2	0	79	31	110	
30-34	60	2	94	33	4	1	2	0	160	36	196	
35-39	60	7	102	50	5	3	0	0	167	60	227	
40-44	40	7	86	27	4	0	1	0	131	34	165	
45 & Over	64	8	109	32	1	0	0	0	174	40	214	
Totals	264	33	455	181	19	5	6	0	744	219	963	
	297		636		24		6		963			

	1999											
	White		Black		Hispanic		Other/Unknown		Total		Total	
	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females		
Under 10	0	0	1	2	0	0	0	0	1	2	3	
10-14	0	0	0	0	0	0	0	0	0	0	0	
15-19	0	0	2	2	0	0	0	0	2	2	4	
20-24	7	1	14	10	2	3	0	0	23	14	37	
25-29	19	5	42	16	1	3	0	0	62	24	86	
30-34	50	7	83	35	7	2	2	1	142	45	187	
35-39	52	5	99	45	7	1	0	0	158	51	209	
40-44	48	5	84	27	9	0	1	0	142	32	174	
45 & Over	58	5	106	37	5	1	0	0	169	43	212	
Totals	234	28	431	174	31	10	3	1	699	213	912	
	262		605		41		4		912			

Virginia
AIDS
by REPORTING SOURCE and GENDER

Calendar Years
 1998 - 1999

	1998 *	1999 *	% Change
Private			
Male	656	621	-5.3%
Female	191	175	-8.4%
Total Private	847	796	-6.0%
Public			
Male	76	69	-9.2%
Female	27	35	29.6%
Total Public	103	104	1.0%
Military			
Male	10	10	0.0%
Female	1	2	100.0%
Total Military	11	12	9.1%

* Estimated data from reporting source

Virginia

Comparison of MALES by RACE AIDS Morbidity

Calendar Years

1982 - 1999

Calendar Year	AIDS	White	% of Total	Black	% of Total	Hispanic	% of Total	Other/Unknown	% of Total
1982	6	3	50.0%	1	16.7%	2	33.3%	0	0.0%
1983	20	16	80.0%	4	20.0%	0	0.0%	0	0.0%
1984	40	29	72.5%	10	25.0%	1	2.5%	0	0.0%
1985	97	75	77.3%	20	20.6%	2	2.1%	0	0.0%
1986	155	95	61.3%	55	35.5%	4	2.6%	1	0.6%
1987	245	177	72.2%	60	24.5%	7	2.9%	1	0.4%
1988	340	196	57.6%	131	38.5%	11	3.2%	2	0.6%
1989	410	251	61.2%	146	35.6%	11	2.7%	2	0.5%
1990	584	334	57.2%	221	37.8%	22	3.8%	7	1.2%
1991	588	335	57.0%	239	40.6%	14	2.4%	0	0.0%
1992	642	345	53.7%	266	41.4%	26	4.0%	5	0.8%
1993	1,379	682	49.5%	650	47.1%	39	2.8%	8	0.6%
1994	1,025	484	47.2%	505	49.3%	26	2.5%	10	1.0%
1995	1,191	582	48.9%	575	48.3%	28	2.4%	6	0.5%
1996	993	397	40.0%	551	55.5%	33	3.3%	12	1.2%
1997	934	345	36.9%	543	58.1%	39	4.2%	7	0.7%
1998	744	264	35.5%	455	61.2%	19	2.6%	6	0.8%
1999	699	234	33.5%	431	61.7%	31	4.4%	3	0.4%

Virginia
Comparison of FEMALES by RACE
AIDS Morbidity

Calendar Years
 1982 - 1999

Calendar Year	AIDS	White	% of Total	Black	% of Total	Hispanic	% of Total	Other/Unknown	% of Total
1982	0	0	0.0%	0	0.0%	0	0.0%	0	0.0%
1983	1	0	0.0%	1	100.0%	0	0.0%	0	0.0%
1984	2	2	100.0%	0	0.0%	0	0.0%	0	0.0%
1985	5	4	80.0%	1	20.0%	0	0.0%	0	0.0%
1986	12	4	33.3%	8	66.7%	0	0.0%	0	0.0%
1987	23	8	34.8%	12	52.2%	3	13.0%	0	0.0%
1988	36	18	50.0%	18	50.0%	0	0.0%	0	0.0%
1989	35	12	34.3%	20	57.1%	2	5.7%	1	2.9%
1990	64	18	28.1%	42	65.6%	2	3.1%	2	3.1%
1991	77	23	29.9%	48	62.3%	3	3.9%	3	3.9%
1992	105	26	24.8%	75	71.4%	3	2.9%	1	1.0%
1993	251	58	23.1%	182	72.5%	10	4.0%	1	0.4%
1994	175	42	24.0%	127	72.6%	4	2.3%	2	1.1%
1995	270	78	28.9%	178	65.9%	10	3.7%	4	1.5%
1996	218	34	15.6%	174	79.8%	8	3.7%	2	0.9%
1997	243	41	16.9%	193	79.4%	7	2.9%	2	0.8%
1998	219	33	15.1%	181	82.6%	5	2.3%	0	0.0%
1999	213	28	13.1%	174	81.7%	10	4.7%	1	0.5%

Virginia
Comparison of Female/Male Proportions
AIDS Morbidity

Calendar Years
 1984 - 1999

Calendar Year	AIDS	Female	% of Total	Male	% of Total
1984	42	2	4.8%	40	95.2%
1985	102	5	4.9%	97	95.1%
1986	167	12	7.2%	155	92.8%
1987	268	23	8.6%	245	91.4%
1988	376	36	9.6%	340	90.4%
1989	445	35	7.9%	410	92.1%
1990	649	64	9.9%	585	90.1%
1991	670	77	11.5%	593	88.5%
1992	748	105	14.0%	643	86.0%
1993	1,638	251	15.3%	1,387	84.7%
1994	1,200	175	14.6%	1,025	85.4%
1995	1,461	270	18.5%	1,191	81.5%
1996	1,211	218	18.0%	993	82.0%
1997	1,177	243	20.6%	934	79.4%
1998	963	219	22.7%	744	77.3%
1999	912	213	23.4%	699	76.6%

Virginia
Comparison of Race Proportions
AIDS Morbidity

Calendar Years
 1982 - 1999

Calendar Year	AIDS	White	% of Total	Black	% of Total	Hispanic	% of Total	Other/Unknown	% of Total
1982	6	3	50.0%	1	16.7%	2	33.3%	0	0.0%
1983	21	16	76.2%	5	23.8%	0	0.0%	0	0.0%
1984	42	31	73.8%	10	23.8%	1	2.4%	0	0.0%
1985	102	79	77.5%	21	20.6%	2	2.0%	0	0.0%
1986	167	99	59.3%	63	37.7%	4	2.4%	1	0.6%
1987	268	185	69.0%	72	26.9%	10	3.7%	1	0.4%
1988	376	214	56.9%	149	39.6%	11	2.9%	2	0.5%
1989	445	263	59.1%	166	37.3%	13	2.9%	3	0.7%
1990	648	352	54.3%	263	40.6%	24	3.7%	9	1.4%
1991	665	358	53.8%	288	43.3%	17	2.6%	2	0.3%
1992	747	371	49.7%	341	45.6%	29	3.9%	6	0.8%
1993	1,630	740	45.4%	832	51.0%	49	3.0%	9	0.6%
1994	1,200	526	43.8%	632	52.7%	30	2.5%	12	1.0%
1995	1,461	660	45.2%	753	51.5%	38	2.6%	10	0.7%
1996	1,211	431	35.6%	725	59.9%	41	3.4%	14	1.2%
1997	1,177	386	32.8%	736	62.5%	46	3.9%	9	0.8%
1998	963	297	30.8%	636	66.0%	24	2.5%	6	0.6%
1999	912	262	28.7%	605	66.3%	41	4.5%	4	0.4%

Virginia
AIDS
by AGE GROUPS

Calendar Years
 1982 - 1987

Age Group (years)	1982		1983		1984		1985		1986		1987	
	#	% of Total										
Under 10	0	0.0%	0	0.0%	1	2.4%	3	2.9%	2	1.2%	3	1.1%
10-14	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	1	0.4%
15-19	0	0.0%	0	0.0%	0	0.0%	1	1.0%	1	0.6%	2	0.7%
20-24	1	16.7%	2	9.5%	3	7.1%	2	2.0%	10	6.0%	17	6.3%
25-29	1	16.7%	3	14.3%	4	9.5%	18	17.6%	38	22.8%	44	16.4%
30-34	1	16.7%	5	23.8%	10	23.8%	25	24.5%	35	21.0%	69	25.7%
35-39	0	0.0%	4	19.0%	13	31.0%	17	16.7%	32	19.2%	63	23.5%
40-44	2	33.3%	4	19.0%	1	2.4%	22	21.6%	18	10.8%	32	11.9%
45+	1	16.7%	3	14.3%	10	23.8%	14	13.7%	31	18.6%	37	13.8%
Total	6		21		42		102		167		268	

**Virginia
AIDS
by AGE GROUPS**

Calendar Years

1988 - 1993

Age Group (years)	1988		1989		1990		1991		1992		1993	
	#	% of Total	#	% of Total								
Under 10	8	2.1%	5	0.4%	11	1.7%	15	2.3%	19	2.5%	9	0.6%
10-14	2	0.5%	0	0.0%	1	0.2%	2	0.3%	3	0.4%	3	0.2%
15-19	1	0.3%	1	0.1%	0	0.0%	1	0.2%	2	0.3%	7	0.4%
20-24	17	4.5%	26	2.2%	31	4.8%	20	3.0%	25	3.3%	54	3.3%
25-29	69	18.4%	69	5.9%	121	18.7%	116	17.4%	98	13.1%	248	15.2%
30-34	87	23.1%	114	9.7%	161	24.8%	154	23.2%	173	23.2%	402	24.7%
35-39	82	21.8%	92	7.8%	129	19.9%	128	19.2%	163	21.8%	361	22.1%
40-44	48	12.8%	61	5.2%	80	12.3%	99	14.9%	131	17.5%	262	16.1%
45+	62	16.5%	77	6.5%	114	17.6%	130	19.5%	133	17.8%	284	17.4%
Total	376		445		648		665		747		1,630	

**Virginia
AIDS
by AGE GROUPS**

Calendar Years
1994 - 1999

Age Group (years)	1994		1995		1996		1997		1998		1999	
	#	% of Total	#	% of Total	#	% of Total						
Under 10	31	2.6%	15	1.0%	9	0.7%	10	0.8%	4	0.4%	3	0.3%
10-14	5	0.4%	3	0.2%	3	0.2%	2	0.2%	1	0.1%	0	0.0%
15-19	3	0.3%	6	0.4%	5	0.4%	6	0.5%	3	0.3%	4	0.4%
20-24	45	3.8%	59	4.0%	45	3.7%	42	3.6%	43	4.5%	37	4.1%
25-29	158	13.2%	205	14.0%	174	14.4%	140	11.9%	110	11.4%	86	9.4%
30-34	293	24.4%	351	24.0%	256	21.1%	274	23.3%	196	20.4%	187	20.5%
35-39	263	21.9%	342	23.4%	265	21.9%	263	22.3%	227	23.6%	209	22.9%
40-44	197	16.4%	223	15.3%	210	17.3%	211	17.9%	165	17.1%	174	19.1%
45+	205	17.1%	257	17.6%	244	20.1%	229	19.5%	214	22.2%	212	23.2%
Total	1,200		1,461		1,211		1,177		963		912	

**Virginia
AIDS Cases
by SELECTED CITIES/COUNTIES**

Calendar Years
1998 - 1999

City/County	1998	1999	% Change
			1998 vs 1999
Alexandria	40	50	25.0%
Arlington	39	64	64.1%
Charlottesville	9	7	-22.2%
Chesapeake	24	18	-25.0%
Chesterfield	15	17	13.3%
Danville	11	4	-63.6%
Fairfax County	52	80	53.8%
Hampton	27	24	-11.1%
Henrico	27	19	-29.6%
Lynchburg	7	6	-14.3%
Newport News	35	44	25.7%
Norfolk	133	81	-39.1%
Petersburg	21	19	-9.5%
Portsmouth	34	34	0.0%
Richmond City	118	97	-17.8%
Roanoke City	22	31	40.9%
Suffolk	6	6	0.0%
Virginia Beach	53	55	3.8%
Total	673	656	-2.5%
All Other Cities/Counties	290	256	-11.7%
State Total	963	912	-5.3%

Virginia
AIDS Morbidity
by SELECTED CITIES/COUNTIES
Five Year Trend

Calendar Years

1995 - 1999

City/County	1995	1996	1997	1998	1999	Five Year Average
Alexandria	55	91	66	40	50	60.4
Arlington	103	67	69	39	64	68.4
Charlottesville	17	13	12	9	7	11.6
Chesapeake	42	32	30	24	18	29.2
Chesterfield	19	15	20	15	17	17.2
Danville	9	6	14	11	4	8.8
Fairfax County	144	80	56	52	80	82.4
Hampton	32	30	33	27	24	29.2
Henrico	28	26	35	27	19	27.0
Lynchburg	23	11	13	7	6	12.0
Newport News	51	61	51	35	44	48.4
Norfolk	210	143	153	133	81	144.0
Petersburg	14	15	18	21	19	17.4
Portsmouth	71	54	37	34	34	46.0
Richmond City	154	143	112	118	97	124.8
Roanoke City	57	28	52	22	31	38.0
Suffolk	16	14	14	6	6	11.2
Virginia Beach	90	71	94	53	55	72.6
Total	1,135	900	879	673	656	848.6
All Other Cities/Counties	326	311	298	290	256	296.2
State Total	1,461	1,211	1,177	963	912	1,144.8

Virginia
AIDS Morbidity
by HEALTH REGION

Calendar Years

1998 - 1999

Region	1998 Cases	Percent of Total Cases	1999 Cases	Percent of Total Cases	% Change
Central	250	26.0%	230	25.2%	-8.0%
Eastern	359	37.3%	292	32.0%	-18.7%
Northern	172	17.9%	255	28.0%	48.3%
Northwest	100	10.4%	58	6.4%	-42.0%
Southwest	82	8.5%	77	8.4%	-6.1%
TOTAL	963		912		-5.3%

**Virginia
AIDS Morbidity
by TRANSMISSION CATEGORY**

Calendar Years
1998 - 1999

Transmission Category	1998 Cases	Percent of Total Cases	1999 Cases	Percent of Total Cases	% Change
MSM	371	38.5%	328	36.0%	-11.6%
IDU	197	20.5%	170	18.6%	-13.7%
Transfusion	11	1.1%	6	0.7%	-45.5%
MSM & IDU	42	4.4%	36	3.9%	-14.3%
Pediatric	4	0.4%	5	0.5%	25.0%
Hemophiliac	5	0.5%	6	0.7%	20.0%
Heterosexual	182	18.9%	161	17.7%	-11.5%
Multiple Hetero	29	3.0%	21	2.3%	-27.6%
NIR	122	12.7%	179	19.6%	46.7%
TOTAL	963		912		-5.3%

MSM - Men having Sex with Men includes men who report sexual contact with other men and men who report sexual contact with both men and women.

IDU - Injecting Drug Use includes people who inject non-prescription drugs

Multiple Hetero - Multi heterosexual contact indicates cases with none of the above risk factors, but have had two or more heterosexual partners with undocumented risk.

NIR - No Identifiable Risk

STD/HIV/AIDS By Locality, District and Region

Number of Cases and Rate for Each City/County, District, and Region for these Diseases:		HIV		AIDS		Primary & Secondary Syphilis		Early Latent Syphilis		Other Syphilis		Total Syphilis		Gonorrhea		Chlamydia	
1999 Locality/District/Region	Population	Reported Cases	Rate per 100,000	Reported Cases	Rate per 100,000	Reported Cases	Rate per 100,000	Reported Cases	Rate per 100,000	Reported Cases	Rate per 100,000	Reported Cases	Rate per 100,000	Reported Cases	Rate per 100,000	Reported Cases	Rate per 100,000
Counties																	
Accomack	32,336	3	9.28	10	30.93	1	3.09	2	6.19	5	15.46	8	24.74	53	163.90	150	463.88
Albemarle	78,015	5	6.41	1	1.28	0	0.00	0	0.00	2	2.56	2	2.56	12	15.38	39	49.99
Alleghany	12,550	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	7.97
Amelia	9,416	1	10.62	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	6	63.72	29	307.99
Amherst	29,048	1	3.44	0	0.00	0	0.00	0	0.00	1	3.44	1	3.44	28	96.39	64	220.32
Appomattox	12,940	0	0.00	2	15.46	0	0.00	0	0.00	0	0.00	0	0.00	11	85.01	34	262.75
Arlington	179,055	47	26.25	64	35.74	1	0.56	7	3.91	34	18.99	42	23.46	83	46.35	195	108.91
Augusta	57,806	0	0.00	1	1.73	0	0.00	0	0.00	2	3.46	2	3.46	3	5.19	23	39.79
Bath	4,530	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	4	88.30
Bedford Cnty	54,103	1	1.85	1	1.85	0	0.00	0	0.00	0	0.00	0	0.00	12	22.18	31	57.30
Bland	6,590	0	0.00	1	15.17	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	15.17
Botetourt	26,335	3	11.39	2	7.59	0	0.00	0	0.00	1	3.80	1	3.80	2	7.59	8	30.38
Brunswick	16,243	5	30.78	2	12.31	0	0.00	0	0.00	0	0.00	0	0.00	37	227.79	47	289.36
Buchanan	28,386	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	15	52.84
Buckingham	13,332	3	22.50	8	60.01	0	0.00	1	7.50	2	15.00	3	22.50	10	75.01	38	285.03
Campbell	48,760	2	4.10	4	8.20	0	0.00	1	2.05	0	0.00	1	2.05	15	30.76	54	110.75
Caroline	20,377	3	14.72	1	4.91	1	4.91	2	9.81	2	9.81	5	24.54	22	107.96	33	161.95
Carroll	26,220	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	3	11.44
Charles City Cnty	6,114	0	0.00	1	16.36	0	0.00	0	0.00	0	0.00	0	0.00	12	196.27	20	327.12
Charlotte	11,427	1	8.75	0	0.00	0	0.00	0	0.00	1	8.75	1	8.75	14	122.52	25	218.78
Chesterfield	259,988	11	4.23	17	6.54	2	0.77	3	1.15	4	1.54	9	3.46	95	36.54	211	81.16
Clarke	13,808	0	0.00	1	7.24	0	0.00	0	0.00	0	0.00	0	0.00	2	14.48	12	86.91
Craig	4,767	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	6	125.87
Culpeper	33,576	1	2.98	1	2.98	0	0.00	0	0.00	2	5.96	2	5.96	52	154.87	67	199.55
Cumberland	8,115	1	12.32	1	12.32	0	0.00	0	0.00	0	0.00	0	0.00	10	123.23	10	123.23
Dickenson	16,514	1	6.06	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	6.06
Dinwiddie	22,843	0	0.00	1	4.38	0	0.00	0	0.00	0	0.00	0	0.00	6	26.27	22	96.31
Essex	8,790	3	34.13	1	11.38	0	0.00	0	0.00	0	0.00	0	0.00	18	204.78	34	386.80
Fairfax Cnty	964,225	76	7.88	80	8.30	6	0.62	9	0.93	36	3.73	51	5.29	156	16.18	412	42.73
Fauquier	61,167	4	6.54	1	1.63	0	0.00	0	0.00	3	4.90	3	4.90	17	27.79	40	65.39
Floyd	12,410	1	8.06	0	0.00	1	8.06	0	0.00	0	0.00	1	8.06	1	8.06	3	24.17
Fluvanna	14,299	3	20.98	4	27.97	0	0.00	0	0.00	3	20.98	3	20.98	13	90.92	36	251.77
Franklin Cnty	42,746	1	2.34	0	0.00	0	0.00	0	0.00	2	4.68	2	4.68	11	25.73	26	60.82
Frederick	54,837	2	3.65	2	3.65	0	0.00	0	0.00	0	0.00	0	0.00	5	9.12	20	36.47
Giles	16,145	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	6	37.16
Gloucester	38,169	2	5.24	2	5.24	0	0.00	0	0.00	1	2.62	1	2.62	24	62.88	34	89.08
Goochland	16,805	2	11.90	0	0.00	0	0.00	2	11.90	15	89.26	17	101.16	8	47.60	11	65.46
Grayson	16,054	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	4	24.92
Greene	12,827	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	8	62.37	22	171.51

Number of Cases and Rate for Each City/County, District, and Region for these Diseases:		HIV		AIDS		Primary & Secondary Syphilis		Early Latent Syphilis		Other Syphilis		Total Syphilis		Gonorrhea		Chlamydia	
1999		Reported Cases	Rate per 100,000	Reported Cases	Rate per 100,000	Reported Cases	Rate per 100,000	Reported Cases	Rate per 100,000	Reported Cases	Rate per 100,000	Reported Cases	Rate per 100,000	Reported Cases	Rate per 100,000	Reported Cases	Rate per 100,000
Locality/District/Region	Population																
Greenville	10,222	7	68.48	8	78.26	0	0.00	1	9.78	0	0.00	1	9.78	7	68.48	5	48.91
Halifax	35,275	4	11.34	3	8.50	0	0.00	0	0.00	1	2.83	1	2.83	41	116.23	82	232.46
Hanover	76,546	3	3.92	4	5.23	0	0.00	0	0.00	0	0.00	0	0.00	45	58.79	77	100.59
Henrico	244,740	36	14.71	19	7.76	2	0.82	7	2.86	7	2.86	16	6.54	312	127.48	359	146.69
Henry	56,647	2	3.53	4	7.06	0	0.00	2	3.53	3	5.30	5	8.83	53	93.56	77	135.93
Highland	2,420	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	41.32
Isle of Wight	29,953	0	0.00	3	10.02	0	0.00	0	0.00	0	0.00	0	0.00	26	86.80	44	146.90
James City Cnty	43,366	1	2.31	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	14	32.28	11	25.37
King George	15,762	2	12.69	0	0.00	0	0.00	0	0.00	2	12.69	2	12.69	14	88.82	43	272.81
King and Queen	6,657	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	10	150.22	23	345.50
King William	12,513	1	7.99	2	15.98	0	0.00	0	0.00	0	0.00	0	0.00	11	87.91	26	207.78
Lancaster	11,612	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	34	292.80	40	344.47
Lee	23,946	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	4.18
Loudoun	109,757	7	6.38	6	5.47	0	0.00	0	0.00	3	2.73	3	2.73	41	37.36	146	133.02
Louisa	22,369	0	0.00	3	13.41	0	0.00	0	0.00	1	4.47	1	4.47	8	35.76	59	263.76
Lunenburg	11,056	1	9.04	4	36.18	0	0.00	0	0.00	1	9.04	1	9.04	10	90.45	32	289.44
Madison	13,629	2	14.67	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	13	95.38
Mathews	8,734	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	11.45	7	80.15
Mecklenburg	29,014	5	17.23	8	27.57	0	0.00	1	3.45	6	20.68	7	24.13	42	144.76	84	289.52
Middlesex	9,333	0	0.00	0	0.00	1	10.71	0	0.00	0	0.00	1	10.71	11	117.86	13	139.29
Montgomery	79,047	1	1.27	1	1.27	1	1.27	1	1.27	0	0.00	2	2.53	8	10.12	57	72.11
Nelson	13,252	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	5	37.73	38	286.75
New Kent	12,386	0	0.00	3	24.22	0	0.00	2	16.15	0	0.00	2	16.15	16	129.18	9	72.66
Northampton	12,548	2	15.94	1	7.97	1	7.97	0	0.00	3	23.91	4	31.88	29	231.11	70	557.86
Northumberland	11,275	2	17.74	0	0.00	0	0.00	1	8.87	0	0.00	1	8.87	17	150.78	31	274.94
Nottoway	15,183	3	19.76	6	39.52	0	0.00	0	0.00	2	13.17	2	13.17	24	158.07	68	447.87
Orange	24,115	2	8.29	2	8.29	0	0.00	0	0.00	0	0.00	0	0.00	19	78.79	49	203.19
Page	23,471	1	4.26	1	4.26	0	0.00	0	0.00	1	4.26	1	4.26	3	12.78	18	76.69
Patrick	17,501	1	5.71	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	10	57.14	9	51.43
Pittsylvania	55,507	2	3.60	4	7.21	8	14.41	6	10.81	1	1.80	15	27.02	47	84.67	122	219.79
Powhatan	18,279	8	43.77	13	71.12	0	0.00	0	0.00	2	10.94	2	10.94	10	54.71	18	98.47
Prince Edward	17,925	3	16.74	3	16.74	0	0.00	0	0.00	1	5.58	1	5.58	30	167.36	67	373.78
Prince George	29,122	4	13.74	1	3.43	0	0.00	0	0.00	0	0.00	0	0.00	17	58.38	65	223.20
Prince William	271,619	20	7.36	24	8.84	2	0.74	2	0.74	6	2.21	10	3.68	145	53.38	419	154.26
Pulaski	34,230	2	5.84	1	2.92	0	0.00	0	0.00	0	0.00	0	0.00	9	26.29	27	78.88
Rappahannock	7,229	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	5	69.17
Richmond Cnty	7,540	4	53.05	4	53.05	0	0.00	0	0.00	0	0.00	0	0.00	10	132.63	41	543.77
Roanoke Cnty	83,145	1	1.20	4	4.81	0	0.00	0	0.00	0	0.00	0	0.00	4	4.81	33	39.69
Rockbridge	18,757	1	5.33	1	5.33	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	8	42.65

Number of Cases and Rate for
Each City/County, District, and
Region for these Diseases:

Locality/District/Region	Population	HIV		AIDS		Primary & Secondary Syphilis		Early Latent Syphilis		Other Syphilis		Total Syphilis		Gonorrhea		Chlamydia	
		Reported Cases	Rate per 100,000	Reported Cases	Rate per 100,000	Reported Cases	Rate per 100,000	Reported Cases	Rate per 100,000	Reported Cases	Rate per 100,000	Reported Cases	Rate per 100,000	Reported Cases	Rate per 100,000	Reported Cases	Rate per 100,000
Rockingham	61,559	3	4.87	2	3.25	0	0.00	1	1.62	2	3.25	3	4.87	10	16.24	20	32.49
Russell	26,981	2	7.41	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	3	11.12
Scott	22,440	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	9	40.11
Shenandoah	34,693	0	0.00	1	2.88	0	0.00	0	0.00	0	0.00	0	0.00	1	2.88	15	43.24
Smyth	33,457	0	0.00	1	2.99	0	0.00	0	0.00	0	0.00	0	0.00	1	2.99	22	65.76
Southampton	17,236	2	11.60	1	5.80	0	0.00	0	0.00	1	5.80	1	5.80	15	87.03	47	272.69
Spotsylvania	74,187	2	2.70	4	5.39	0	0.00	0	0.00	2	2.70	2	2.70	28	37.74	92	124.01
Stafford	81,612	3	3.68	5	6.13	0	0.00	0	0.00	1	1.23	1	1.23	17	20.83	83	101.70
Surry	6,373	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	9	141.22	26	407.97
Sussex	9,811	4	40.77	4	40.77	0	0.00	1	10.19	1	10.19	2	20.39	15	152.89	28	285.39
Tazewell	43,251	2	4.62	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	2	4.62	7	16.18
Warren	30,521	0	0.00	1	3.28	0	0.00	0	0.00	1	3.28	1	3.28	4	13.11	62	203.14
Washington	45,467	1	2.20	1	2.20	0	0.00	0	0.00	0	0.00	0	0.00	4	8.80	5	11.00
Westmoreland	16,313	1	6.13	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	23	140.99	83	508.80
Wise	37,935	4	10.54	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	2.64	20	52.72
Wythe	25,400	0	0.00	1	3.94	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	9	35.43
York	48,804	1	2.05	3	6.15	0	0.00	0	0.00	1	2.05	1	2.05	12	24.59	19	38.93
Cities																	
Alexandria	120,768	55	45.54	50	41.40	6	4.97	5	4.14	31	25.67	42	34.78	229	189.62	373	308.86
Bedford City	6,122	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	10	163.35	19	310.36
Bristol	17,946	2	11.14	2	11.14	0	0.00	0	0.00	0	0.00	0	0.00	3	16.72	30	167.17
Buena Vista	6,220	1	16.08	1	16.08	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	10	160.77
Charlottesville	40,783	9	22.07	7	17.16	0	0.00	0	0.00	1	2.45	1	2.45	140	343.28	306	750.31
Chesapeake	185,388	27	14.56	18	9.71	9	4.85	5	2.70	19	10.25	33	17.80	262	141.33	389	209.83
Clifton Forge	4,339	0	0.00	2	46.09	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	3	69.14
Colonial Heights	15,750	1	6.35	0	0.00	0	0.00	1	6.35	1	6.35	2	12.70	7	44.44	16	101.59
Covington	6,339	1	15.78	1	15.78	0	0.00	0	0.00	0	0.00	0	0.00	1	15.78	17	268.18
Danville	52,553	5	9.51	4	7.61	53	100.85	46	87.53	1	1.90	100	190.28	250	475.71	430	818.22
Emporia	5,138	4	77.85	1	19.46	0	0.00	0	0.00	0	0.00	0	0.00	20	389.26	39	759.05
Fairfax City	19,984	21	105.08	18	90.07	0	0.00	0	0.00	1	5.00	1	5.00	37	185.15	134	670.54
Falls Church	10,047	3	29.86	7	69.67	0	0.00	0	0.00	5	49.77	5	49.77	17	169.20	98	975.42
Franklin City	8,152	1	12.27	2	24.53	0	0.00	0	0.00	3	36.80	3	36.80	30	368.01	52	637.88
Fredericksburg	20,331	3	14.76	9	44.27	0	0.00	0	0.00	0	0.00	0	0.00	44	216.42	180	885.35
Galax	6,758	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	4	59.19
Hampton	141,300	22	15.57	24	16.99	2	1.42	3	2.12	9	6.37	14	9.91	364	257.61	424	300.07
Harrisonburg	33,684	0	0.00	0	0.00	1	2.97	0	0.00	1	2.97	2	5.94	22	65.31	83	246.41
Hopewell	22,844	8	35.02	7	30.64	1	4.38	1	4.38	0	0.00	2	8.76	26	113.82	49	214.50
Lexington	7,004	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	3	42.83	10	142.78

Number of Cases and Rate for
Each City/County, District, and
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1999 Locality/District/Region	Population	HIV		AIDS		Primary & Secondary Syphilis		Early Latent Syphilis		Other Syphilis		Total Syphilis		Gonorrhea		Chlamydia	
		Reported Cases	Rate per 100,000	Reported Cases	Rate per 100,000	Reported Cases	Rate per 100,000	Reported Cases	Rate per 100,000	Reported Cases	Rate per 100,000	Reported Cases	Rate per 100,000	Reported Cases	Rate per 100,000	Reported Cases	Rate per 100,000
Lynchburg	66,360	7	10.55	6	9.04	1	1.51	2	3.01	3	4.52	6	9.04	116	174.80	220	331.53
Manassas	35,223	8	22.71	6	17.03	0	0.00	1	2.84	6	17.03	7	19.87	36	102.21	94	266.87
Manassas Park	8,471	1	11.80	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	15	177.07
Martinsville	15,381	3	19.50	3	19.50	0	0.00	1	6.50	0	0.00	1	6.50	97	630.65	107	695.66
Newport News	183,486	44	23.98	44	23.98	4	2.18	6	3.27	7	3.82	17	9.27	857	467.07	599	326.46
Norfolk	256,595	92	35.85	81	31.57	20	7.79	34	13.25	31	12.08	85	33.13	1,291	503.13	921	358.93
Norton	3,976	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	2	50.30	1	25.15
Petersburg	35,646	24	67.33	19	53.30	0	0.00	3	8.42	3	8.42	6	16.83	186	521.80	236	662.07
Poquoson	12,697	1	7.88	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	2	15.75
Portsmouth	103,053	24	23.29	34	32.99	1	0.97	10	9.70	21	20.38	32	31.05	332	322.16	357	346.42
Radford	17,080	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	7	40.98	28	163.93
Richmond City	194,341	135	69.47	97	49.91	13	6.69	34	17.50	18	9.26	65	33.45	1,827	940.10	1,974	1015.74
Roanoke City	93,635	19	20.29	31	33.11	6	6.41	1	1.07	5	5.34	12	12.82	298	318.26	382	407.97
Salem	23,439	1	4.27	1	4.27	0	0.00	0	0.00	0	0.00	0	0.00	14	59.73	28	119.46
Staunton	24,596	1	4.07	4	16.26	0	0.00	0	0.00	0	0.00	0	0.00	15	60.99	85	345.58
Suffolk	58,769	6	10.21	6	10.21	1	1.70	2	3.40	12	20.42	15	25.52	212	360.73	242	411.78
Virginia Beach	474,733	51	10.74	55	11.59	7	1.47	5	1.05	15	3.16	27	5.69	454	95.63	611	128.70
Waynesboro	18,866	1	5.30	2	10.60	0	0.00	0	0.00	0	0.00	0	0.00	10	53.01	58	307.43
Williamsburg	12,462	2	16.05	1	8.02	0	0.00	0	0.00	1	8.02	1	8.02	95	762.32	79	633.93
Winchester	23,900	3	12.55	3	12.55	0	0.00	0	0.00	3	12.55	3	12.55	30	125.52	84	351.46

Number of Cases and Rate for
Each City/County, District, and
Region for these Diseases:

1999 Locality/District/Region	Population	HIV		AIDS		Primary & Secondary Syphilis		Early Latent Syphilis		Other Syphilis		Total Syphilis		Gonorrhea		Chlamydia	
		Reported Cases	Rate per 100,000	Reported Cases	Rate per 100,000	Reported Cases	Rate per 100,000	Reported Cases	Rate per 100,000	Reported Cases	Rate per 100,000	Reported Cases	Rate per 100,000	Reported Cases	Rate per 100,000	Reported Cases	Rate per 100,000
District																	
Alexandria	120,768	55	45.54	50	41.40	6	4.97	5	4.14	31	25.67	42	34.78	229	189.62	373	308.86
Alleghany	160,914	6	3.73	10	6.21	0	0.00	0	0.00	1	0.62	1	0.62	21	13.05	96	59.66
Arlington	179,055	47	26.25	64	35.74	1	0.56	7	3.91	34	18.99	42	23.46	83	46.35	195	108.91
Central Shenandoah	235,442	7	2.97	11	4.67	1	0.42	1	0.42	5	2.12	7	2.97	63	26.76	302	128.27
Central Virginia	217,333	11	5.06	13	5.98	1	0.46	3	1.38	4	1.84	8	3.68	192	88.34	422	194.17
Chesapeake	185,388	27	14.56	18	9.71	9	4.85	5	2.70	19	10.25	33	17.80	262	141.33	389	209.83
Chesterfield	294,017	20	6.80	30	10.20	2	0.68	4	1.36	7	2.38	13	4.42	112	38.09	245	83.33
Crater	141,999	51	35.92	41	28.87	1	0.70	6	4.23	4	2.82	11	7.75	286	201.41	470	330.99
Cumberland Plateau	115,132	5	4.34	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	2	1.74	26	22.58
Eastern Shore	44,884	5	11.14	11	24.51	2	4.46	2	4.46	8	17.82	12	26.74	82	182.69	220	490.15
Fairfax	994,256	100	10.06	105	10.56	6	0.60	9	0.91	42	4.22	57	5.73	210	21.12	644	64.77
Hampton	141,300	22	15.57	24	16.99	2	1.42	3	2.12	9	6.37	14	9.91	364	257.61	424	300.07
Hanover	111,851	5	4.47	8	7.15	0	0.00	4	3.58	15	13.41	19	16.99	81	72.42	117	104.60
Henrico	244,740	36	14.71	19	7.76	2	0.82	7	2.86	7	2.86	16	6.54	312	127.48	359	146.69
Lenowisco	88,297	4	4.53	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	3	3.40	31	35.11
Lord Fairfax	181,230	6	3.31	9	4.97	0	0.00	0	0.00	5	2.76	5	2.76	45	24.83	211	116.43
Loudoun	109,757	7	6.38	6	5.47	0	0.00	0	0.00	3	2.73	3	2.73	41	37.36	146	133.02
Mount Rogers	177,892	3	1.69	6	3.37	0	0.00	0	0.00	0	0.00	0	0.00	8	4.50	78	43.85
New River	158,912	4	2.52	2	1.26	2	1.26	1	0.63	0	0.00	3	1.89	25	15.73	121	76.14
Norfolk	256,595	92	35.85	81	31.57	20	7.79	34	13.25	31	12.08	85	33.13	1,291	503.13	921	358.93
Peninsula	300,815	49	16.29	48	15.96	4	1.33	6	1.99	9	2.99	19	6.32	978	325.12	710	236.03
Piedmont	86,454	13	15.04	22	25.45	0	0.00	1	1.16	7	8.10	8	9.25	104	120.30	269	311.15
Pittsylvania / Danville	108,060	7	6.48	8	7.40	61	56.45	52	48.12	2	1.85	115	106.42	297	274.85	552	510.83
Portsmouth	103,053	24	23.29	34	32.99	1	0.97	10	9.70	21	20.38	32	31.05	332	322.16	357	346.42
Prince William	315,313	29	9.20	30	9.51	2	0.63	3	0.95	12	3.81	17	5.39	181	57.40	528	167.45
Rappahannock	212,269	13	6.12	19	8.95	1	0.47	2	0.94	7	3.30	10	4.71	125	58.89	431	203.04
Rappahannock / Rapidan	139,716	9	6.44	4	2.86	0	0.00	0	0.00	5	3.58	5	3.58	88	62.98	174	124.54
Richmond City	194,341	135	69.47	97	49.91	13	6.69	34	17.50	18	9.26	65	33.45	1,827	940.10	1,974	1015.74
Roanoke City	93,635	19	20.29	31	33.11	6	6.41	1	1.07	5	5.34	12	12.82	298	318.26	382	407.97
Southside	80,532	14	17.38	13	16.14	0	0.00	1	1.24	7	8.69	8	9.93	120	149.01	213	264.49
Thomas Jefferson	181,545	17	9.36	15	8.26	0	0.00	0	0.00	7	3.86	7	3.86	186	102.45	500	275.41
Three Rivers	130,936	13	9.93	9	6.87	1	0.76	1	0.76	1	0.76	3	2.29	159	121.43	332	253.56
Virginia Beach	474,733	51	10.74	55	11.59	7	1.47	5	1.05	15	3.16	27	5.69	454	95.63	611	128.70
West Piedmont	132,275	7	5.29	7	5.29	0	0.00	3	2.27	5	3.78	8	6.05	171	129.28	219	165.56
Western Tidewater	114,110	9	7.89	12	10.52	1	0.88	2	1.75	16	14.02	19	16.65	283	248.01	385	337.39

**Number of Cases and Rate for
Each City/County, District, and
Region for these Diseases:**

1999 Locality/District/Region	Population	HIV		AIDS		Primary & Secondary Syphilis		Early Latent Syphilis		Other Syphilis		Total Syphilis		Gonorrhea		Chlamydia	
		Reported Cases	Rate per 100,000	Reported Cases	Rate per 100,000	Reported Cases	Rate per 100,000	Reported Cases	Rate per 100,000	Reported Cases	Rate per 100,000	Reported Cases	Rate per 100,000	Reported Cases	Rate per 100,000	Reported Cases	Rate per 100,000
Health Planning Region																	
Central Region	1,153,934	274	23.74	230	19.93	18	1.56	57	4.94	65	5.63	140	12.13	2,842	246.29	3,647	316.05
Eastern Region	1,751,814	292	16.67	292	16.67	47	2.68	68	3.88	129	7.36	244	13.93	4,205	240.04	4,349	248.26
Northern Region	1,719,149	238	13.84	255	14.83	15	0.87	24	1.40	122	7.10	161	9.37	744	43.28	1,886	109.71
Northwest Region	950,202	52	5.47	58	6.10	2	0.21	3	0.32	29	3.05	34	3.58	507	53.36	1,618	170.28
Southwest Region	1,252,450	66	5.27	77	6.15	70	5.59	60	4.79	17	1.36	147	11.74	1,017	81.20	1,927	153.86
Virginia	6,827,549	922	13.50	912	13.36	152	2.23	212	3.11	362	5.30	726	10.63	9,315	136.43	13,427	196.66
City/County	Population	Reported Cases	Rate per 100,000	Reported Cases	Rate per 100,000	Reported Cases	Rate per 100,000	Reported Cases	Rate per 100,000	Reported Cases	Rate per 100,000	Reported Cases	Rate per 100,000	Reported Cases	Rate per 100,000	Reported Cases	Rate per 100,000
Arlington	194,112	3	1.54	4	2.02	0	0.00	0	0.00	2	3.00	0	0.28	0	0.00	134	154.84
Bath County	5,738	2	3.51	10	0.00	3	0.43	2	0.04	1	3.70	10	4.34	152	25.00	491	503.04
Bell County	3,2217	0	0.00	20	0.00	5	0.93	1	0.02	17	7.61	41	2.93	194	21.40	232	101.42
Buckingham	10,703	34	3.13	31	2.80	4	0.71	47	7.50	74	24.70	75	34.00	213	266.43	221	366.43
Campbell County	162,050	2	1.24	3	1.40	0	0.00	0	0.00	5	4.20	112	10.63	181	514.92	823	240.83
Carroll County	55,221	17	31.04	21	37.00	0	0.00	1	0.10	1	3.50	107	25.40	382	371.42		
Charlottesville	294,717	18	6.13	19	6.20	5	1.72	0	0.00	6	5.80	48	0.25	813	132.45	540	239.03
Clarke County	176,700	20	29.02	11	3.63	10	3.38	28	13.50	51	15.00	87	21.13	1,331	207.43	854	229.70
Corbin	129,017	4	3.03	5	1.70	0	0.00	0	0.00	0	0.00	0	0.00	32	40.40	196	119.74
Covington	114,363	0	0.00	2	0.00	0	0.00	0	0.00	0	0.00	0	0.00	8	10.00	58	127.02
Danville	106,192	0	0.39	0	0.00	0	0.00	0	0.00	2	3.10	0	0.00	41	21.38	148	137.05
Goldsboro	172,740	7	4.04	8	3.63	0	0.00	0	0.00	2	3.40	2	3.18	12	21.90	314	477.43
Harrisonburg	107,301	4	3.63	0	0.00	0	0.00	0	0.00	0	0.00	10	0.00	3	3.00	37	39.14
Hancock	108,140	0	0.00	21	1.16	5	0.93	13	3.40	3	2.89	18	0.24	215	181.00	290	442.00
Henderson	127,824	0	0.00	8	1.12	6	0.80	4	0.70	10	15.47	48	48.00	81	35.45	141	101.00
Hickory	143,306	73	49.21	54	29.61	2	1.43	3	5.45	2	9.31	17	0.01	301	525.01	451	330.01
Harrison	204,338	100	49.28	102	49.28	0	0.00	0	0.00	13	3.55	23	2.13	540	34.45	894	671.55
Hughesville	196,904	2	1.04	4	7.00	0	0.00	3	1.00	10	11.00	45	30.00	10	105.60	530	470.42
Spurred Rock County	179,135	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	5	1.00	30	35.00
Lexington	191,357	21	22.01	41	39.94	1	0.43	0	0.00	9	2.25	23	2.40	302	214.61	430	267.00
Lynchburg	380,014	30	8.00	20	10.00	2	0.93	4	1.70	5	5.35	47	11.03	145	28.00	340	83.00
Martinsville	160,200	71	44.20	70	44.12	0	0.00	0	0.00	18	10.00	32	13.80	385	211.00	398	300.00
Smithfield	241,331	0	0.00	43	2.00	1	0.43	1	4.00	4	1.00	18	2.90	435	86.94	133	187.13
Salem	232,445	1	0.61	41	0.00	1	0.43	1	0.43	2	0.43	1	0.81	93	58.10	205	178.04
Spotsylvania	138,026	72	53.52	27	32.14	0	0.00	3	2.50	14	16.00	45	30.00	80	40.70	182	400.04
Washington	187,814	8	4.33	10	4.00	0	0.00	0	0.00	4	1.00	7	0.89	51	12.02	20	28.00
Williamsburg	130,385	70	42.26	20	42.00	0	0.00	2	1.00	24	32.91	45	37.19	550	180.05	312	201.90

Number of Cases and Percent Change for Each Disease by County, City, District, Region, and State	Primary & Secondary			Early Latent			Other			Total		
	Syphilis			Syphilis			Syphilis			Syphilis		
	1998 to 1999	Reported Cases	Percent	1998	Reported Cases	Percent	1998	Reported Cases	Percent	1998	Reported Cases	Percent
Locality/District/Region	1998	1999	Change	1998	1999	Change	1998	1999	Change	1998	1999	Change
Counties												
Accomack	0	1	*	1	2	100.0%	5	5	0.0%	6	8	33.3%
Albemarle	1	0	-100.0%	0	0	0.0%	0	2	*	1	2	100.0%
Alleghany	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
Amelia	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
Amherst	0	0	0.0%	3	0	-100.0%	0	1	*	3	1	-66.7%
Appomattox	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
Arlington	2	1	-50.0%	4	7	75.0%	26	34	30.8%	32	42	31.3%
Augusta	0	0	0.0%	0	0	0.0%	0	2	*	0	2	*
Bath	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
Bedford Cnty	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
Bland	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
Botetourt	0	0	0.0%	0	0	0.0%	0	1	*	0	1	*
Brunswick	0	0	0.0%	1	0	-100.0%	0	0	0.0%	1	0	-100.0%
Buchanan	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
Buckingham	0	0	0.0%	0	1	*	1	2	100.0%	1	3	200.0%
Campbell	1	0	-100.0%	1	1	0.0%	1	0	-100.0%	3	1	-66.7%
Caroline	0	1	*	0	2	*	1	2	100.0%	1	5	400.0%
Carroll	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
Charles City Cnty	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
Charlotte	0	0	0.0%	0	0	0.0%	0	1	*	0	1	*
Chesterfield	5	2	-60.0%	4	3	-25.0%	2	4	100.0%	11	9	-18.2%
Clarke	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
Craig	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
Culpeper	0	0	0.0%	0	0	0.0%	2	2	0.0%	2	2	0.0%
Cumberland	0	0	0.0%	0	0	0.0%	1	0	-100.0%	1	0	-100.0%
Dickenson	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
Dinwiddie	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
Essex	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
Fairfax Cnty	1	6	500.0%	5	9	80.0%	25	36	44.0%	31	51	64.5%
Fauquier	0	0	0.0%	0	0	0.0%	0	3	*	0	3	*
Floyd	0	1	*	0	0	0.0%	0	0	0.0%	0	1	*
Fluvanna	0	0	0.0%	0	0	0.0%	0	3	*	0	3	*
Franklin Cnty	0	0	0.0%	0	0	0.0%	1	2	100.0%	1	2	100.0%
Frederick	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
Giles	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
Gloucester	0	0	0.0%	0	0	0.0%	0	1	*	0	1	*
Goochland	0	0	0.0%	3	2	-33.3%	9	15	66.7%	12	17	41.7%
Grayson	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
Greene	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
Greenville	0	0	0.0%	0	1	*	0	0	0.0%	0	1	*
Halifax	2	0	-100.0%	1	0	-100.0%	0	1	*	3	1	-66.7%
Hanover	2	0	-100.0%	0	0	0.0%	0	0	0.0%	2	0	-100.0%
Henrico	3	2	-33.3%	5	7	40.0%	4	7	75.0%	12	16	33.3%
Henry	0	0	0.0%	2	2	0.0%	0	3	*	2	5	150.0%
Highland	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%

Number of Cases and Percent Change for Each Disease by County, City, District, Region, and State	Primary & Secondary Syphilis			Early Latent Syphilis			Other Syphilis			Total Syphilis		
	Reported Cases 1998	Reported Cases 1999	Percent Change	Reported Cases 1998	Reported Cases 1999	Percent Change	Reported Cases 1998	Reported Cases 1999	Percent Change	Reported Cases 1998	Reported Cases 1999	Percent Change
Locality/District/Region	1998	1999	Change	1998	1999	Change	1998	1999	Change	1998	1999	Change
Isle of Wight	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
James City Cnty	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
King George	0	0	0.0%	0	0	0.0%	0	2	*	0	2	*
King and Queen	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
King William	0	0	0.0%	0	0	0.0%	1	0	-100.0%	1	0	-100.0%
Lancaster	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
Lee	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
Loudoun	0	0	0.0%	1	0	-100.0%	10	3	-70.0%	11	3	-72.7%
Louisa	0	0	0.0%	1	0	-100.0%	1	1	0.0%	2	1	-50.0%
Lunenburg	0	0	0.0%	0	0	0.0%	0	1	*	0	1	*
Madison	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
Mathews	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
Mecklenburg	0	0	0.0%	0	1	*	3	6	100.0%	3	7	133.3%
Middlesex	0	1	*	0	0	0.0%	0	0	0.0%	0	1	*
Montgomery	0	1	*	2	1	-50.0%	0	0	0.0%	2	2	0.0%
Nelson	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
New Kent	1	0	-100.0%	2	2	0.0%	0	0	0.0%	3	2	-33.3%
Northampton	0	1	*	0	0	0.0%	0	3	*	0	4	*
Northumberland	0	0	0.0%	0	1	*	0	0	0.0%	0	1	*
Nottoway	1	0	-100.0%	1	0	-100.0%	0	2	*	2	2	0.0%
Orange	0	0	0.0%	0	0	0.0%	1	0	-100.0%	1	0	-100.0%
Page	0	0	0.0%	0	0	0.0%	1	1	0.0%	1	1	0.0%
Patrick	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
Pittsylvania	3	8	166.7%	3	6	100.0%	0	1	*	6	15	150.0%
Powhatan	0	0	0.0%	2	0	-100.0%	6	2	-66.7%	8	2	-75.0%
Prince Edward	1	0	-100.0%	0	0	0.0%	1	1	0.0%	2	1	-50.0%
Prince George	0	0	0.0%	1	0	-100.0%	1	0	-100.0%	2	0	-100.0%
Prince William	2	2	0.0%	4	2	-50.0%	7	6	-14.3%	13	10	-23.1%
Pulaski	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
Rappahannock	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
Richmond Cnty	0	0	0.0%	0	0	0.0%	2	0	-100.0%	2	0	-100.0%
Roanoke Cnty	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
Rockbridge	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
Rockingham	0	0	0.0%	0	1	*	1	2	100.0%	1	3	200.0%
Russell	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
Scott	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
Shenandoah	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
Smyth	1	0	-100.0%	0	0	0.0%	0	0	0.0%	1	0	-100.0%
Southampton	0	0	0.0%	2	0	-100.0%	4	1	-75.0%	6	1	-83.3%
Spotsylvania	0	0	0.0%	0	0	0.0%	2	2	0.0%	2	2	0.0%
Stafford	3	0	-100.0%	0	0	0.0%	3	1	-66.7%	6	1	-83.3%
Surry	0	0	0.0%	1	0	-100.0%	0	0	0.0%	1	0	-100.0%
Sussex	0	0	0.0%	2	1	-50.0%	2	1	-50.0%	4	2	-50.0%
Tazewell	1	0	-100.0%	0	0	0.0%	0	0	0.0%	1	0	-100.0%
Warren	0	0	0.0%	0	0	0.0%	1	1	0.0%	1	1	0.0%
Washington	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%

*Increase from zero

Number of Cases and Percent Change for Each Disease by County, City, District, Region, and State	Primary & Secondary Syphilis			Early Latent Syphilis			Other Syphilis			Total Syphilis		
	1998 to 1999			Reported Cases 1998 1999			Percent Change			Reported Cases 1998 1999		
	Locality/District/Region	1998	1999	Change	1998	1999	Change	1998	1999	Change	1998	1999
Westmoreland	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
Wise	0	0	0.0%	0	0	0.0%	1	0	-100.0%	1	0	-100.0%
Wythe	0	0	0.0%	1	0	-100.0%	0	0	0.0%	1	0	-100.0%
York	0	0	0.0%	0	0	0.0%	0	1	*	0	1	*
Cities												
Alexandria	5	6	20.0%	1	5	400.0%	26	31	19.2%	32	42	31.3%
Bedford City	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
Bristol	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
Buena Vista	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
Charlottesville	0	0	0.0%	1	0	-100.0%	1	1	0.0%	2	1	-50.0%
Chesapeake	12	9	-25.0%	8	5	-37.5%	9	19	111.1%	29	33	13.8%
Clifton Forge	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
Colonial Heights	0	0	0.0%	0	1	*	0	1	*	0	2	*
Covington	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
Danville	25	53	112.0%	24	46	91.7%	2	1	-50.0%	51	100	96.1%
Emporia	0	0	0.0%	0	0	0.0%	2	0	-100.0%	2	0	-100.0%
Fairfax City	0	0	0.0%	0	0	0.0%	2	1	-50.0%	2	1	-50.0%
Falls Church	0	0	0.0%	0	0	0.0%	4	5	25.0%	4	5	25.0%
Franklin City	0	0	0.0%	0	0	0.0%	0	3	*	0	3	*
Fredericksburg	2	0	-100.0%	0	0	0.0%	6	0	-100.0%	8	0	-100.0%
Galax	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
Hampton	1	2	100.0%	3	3	0.0%	8	9	12.5%	12	14	16.7%
Harrisonburg	0	1	*	1	0	-100.0%	2	1	-50.0%	3	2	-33.3%
Hopewell	0	1	*	0	1	*	2	0	-100.0%	2	2	0.0%
Lexington	1	0	-100.0%	0	0	0.0%	0	0	0.0%	1	0	-100.0%
Lynchburg	0	1	*	2	2	0.0%	0	3	*	2	6	200.0%
Manassas	0	0	0.0%	2	1	-50.0%	7	6	-14.3%	9	7	-22.2%
Manassas Park	0	0	0.0%	0	0	0.0%	1	0	-100.0%	1	0	-100.0%
Martinsville	0	0	0.0%	1	1	0.0%	0	0	0.0%	1	1	0.0%
Newport News	2	4	100.0%	7	6	-14.3%	13	7	-46.2%	22	17	-22.7%
Norfolk	33	20	-39.4%	51	34	-33.3%	21	31	47.6%	105	85	-19.0%
Norton	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
Petersburg	1	0	-100.0%	4	3	-25.0%	6	3	-50.0%	11	6	-45.5%
Poquoson	0	0	0.0%	0	0	0.0%	1	0	-100.0%	1	0	-100.0%
Portsmouth	6	1	-83.3%	9	10	11.1%	20	21	5.0%	35	32	-8.6%
Radford	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
Richmond City	22	13	-40.9%	36	34	-5.6%	22	18	-18.2%	80	65	-18.8%
Roanoke City	1	6	500.0%	2	1	-50.0%	14	5	-64.3%	17	12	-29.4%
Salem	0	0	0.0%	0	0	0.0%	1	0	-100.0%	1	0	-100.0%
Staunton	0	0	0.0%	1	0	-100.0%	0	0	0.0%	1	0	-100.0%
Suffolk	2	1	-50.0%	6	2	-66.7%	6	12	100.0%	14	15	7.1%
Virginia Beach	6	7	16.7%	18	5	-72.2%	24	15	-37.5%	48	27	-43.8%
Waynesboro	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
Williamsburg	0	0	0.0%	0	0	0.0%	2	1	-50.0%	2	1	-50.0%
Winchester	0	0	0.0%	0	0	0.0%	0	3	*	0	3	*

Number of Cases and Percent Change for Each Disease by County, City, District, Region, and State	Primary & Secondary Syphilis			Early Latent Syphilis			Other Syphilis			Total Syphilis		
	1998 to 1999			Reported Cases			Reported Cases			Reported Cases		
	Locality/District/Region	1998	1999	Percent Change	1998	1999	Percent Change	1998	1999	Percent Change	1998	1999
District												
Alexandria	5	6	20.0%	1	5	400.0%	26	31	19.2%	32	42	31.3%
Alleghany	0	0	0.0%	0	0	0.0%	1	1	0.0%	1	1	0.0%
Arlington	2	1	-50.0%	4	7	75.0%	26	34	30.8%	32	42	31.3%
Central Shenandoah	1	1	0.0%	2	1	-50.0%	3	5	66.7%	6	7	16.7%
Central Virginia	1	1	0.0%	6	3	-50.0%	1	4	300.0%	8	8	0.0%
Chesapeake	12	9	-25.0%	8	5	-37.5%	9	19	111.1%	29	33	13.8%
Chesterfield	5	2	-60.0%	6	4	-33.3%	8	7	-12.5%	19	13	-31.6%
Crater	1	1	0.0%	8	6	-25.0%	13	4	-69.2%	22	11	-50.0%
Cumberland Plateau	1	0	-100.0%	0	0	0.0%	0	0	0.0%	1	0	-100.0%
Eastern Shore	0	2	*	1	2	100.0%	5	8	60.0%	6	12	100.0%
Fairfax	1	6	500.0%	5	9	80.0%	31	42	35.5%	37	57	54.1%
Hampton	1	2	100.0%	3	3	0.0%	8	9	12.5%	12	14	16.7%
Hanover	3	0	-100.0%	5	4	-20.0%	9	15	66.7%	17	19	11.8%
Henrico	3	2	-33.3%	5	7	40.0%	4	7	75.0%	12	16	33.3%
Lenowisco	0	0	0.0%	0	0	0.0%	1	0	-100.0%	1	0	-100.0%
Lord Fairfax	0	0	0.0%	0	0	0.0%	2	5	150.0%	2	5	150.0%
Loudoun	0	0	0.0%	1	0	-100.0%	10	3	-70.0%	11	3	-72.7%
Mount Rogers	1	0	-100.0%	1	0	-100.0%	0	0	0.0%	2	0	-100.0%
New River	0	2	*	2	1	-50.0%	0	0	0.0%	2	3	50.0%
Norfolk	33	20	-39.4%	51	34	-33.3%	21	31	47.6%	105	85	-19.0%
Peninsula	2	4	100.0%	7	6	-14.3%	16	9	-43.8%	25	19	-24.0%
Piedmont	2	0	-100.0%	1	1	0.0%	3	7	133.3%	6	8	33.3%
Pittsylvania / Danville	28	61	117.9%	27	52	92.6%	2	2	0.0%	57	115	101.8%
Portsmouth	6	1	-83.3%	9	10	11.1%	20	21	5.0%	35	32	-8.6%
Prince William	2	2	0.0%	6	3	-50.0%	15	12	-20.0%	23	17	-26.1%
Rappahannock	5	1	-80.0%	0	2	*	12	7	-41.7%	17	10	-41.2%
Rappahannock / Rapidan	0	0	0.0%	0	0	0.0%	3	5	66.7%	3	5	66.7%
Richmond City	22	13	-40.9%	36	34	-5.6%	22	18	-18.2%	80	65	-18.8%
Roanoke City	1	6	500.0%	2	1	-50.0%	14	5	-64.3%	17	12	-29.4%
Southside	2	0	-100.0%	2	1	-50.0%	3	7	133.3%	7	8	14.3%
Thomas Jefferson	1	0	-100.0%	2	0	-100.0%	2	7	250.0%	5	7	40.0%
Three Rivers	0	1	*	0	1	*	3	1	-66.7%	3	3	0.0%
Virginia Beach	6	7	16.7%	18	5	-72.2%	24	15	-37.5%	48	27	-43.8%
West Piedmont	0	0	0.0%	3	3	0.0%	1	5	400.0%	4	8	100.0%
Western Tidewater	2	1	-50.0%	8	2	-75.0%	10	16	60.0%	20	19	-5.0%
Health Planning Region												
Central Region	38	18	-52.6%	63	57	-9.5%	62	65	4.8%	163	140	-14.1%
Eastern Region	62	47	-24.2%	105	68	-35.2%	116	129	11.2%	283	244	-13.8%
Northern Region	10	15	50.0%	17	24	41.2%	108	122	13.0%	135	161	19.3%
Northwest Region	7	2	-71.4%	4	3	-25.0%	22	29	31.8%	33	34	3.0%
Southwest Region	32	70	118.8%	41	60	46.3%	20	17	-15.0%	93	147	58.1%
Virginia	149	152	2.0%	230	212	-7.8%	328	362	10.4%	707	726	2.7%

*Increase from zero

Number of Cases and Percent Change for Each Disease by County, City, District, Region, and State			Gonorrhea			Chlamydia			HIV			AIDS			
1998 to 1999	Locality/District/Region		Reported Cases		Percent										
	1998	1999	Change	1998	1999	Change	1998	1999	Change	1998	1999	Change	1998	1999	Change
Counties															
Accomack	49	53	8.2%	176	150	-14.8%	11	3	-72.7%	7	10	42.9%			
Albemarle	7	12	71.4%	19	39	105.3%	4	5	25.0%	5	1	-80.0%			
Alleghany	2	0	-100.0%	1	1	0.0%	0	0	0.0%	0	0	0.0%			
Amelia	21	6	-71.4%	29	29	0.0%	2	1	-50.0%	3	0	-100.0%			
Amherst	21	28	33.3%	47	64	36.2%	1	1	0.0%	0	0	0.0%			
Appomattox	28	11	-60.7%	29	34	17.2%	0	0	0.0%	2	2	0.0%			
Arlington	111	83	-25.2%	230	195	-15.2%	48	47	-2.1%	39	64	64.1%			
Augusta	7	3	-57.1%	17	23	35.3%	0	0	0.0%	6	1	-83.3%			
Bath	0	0	0.0%	2	4	100.0%	1	0	-100.0%	1	0	-100.0%			
Bedford Cnty	5	12	140.0%	23	31	34.8%	1	1	0.0%	3	1	-66.7%			
Bland	1	0	-100.0%	1	1	0.0%	0	0	0.0%	0	1	*			
Botetourt	3	2	-33.3%	5	8	60.0%	1	3	200.0%	0	2	*			
Brunswick	30	37	23.3%	60	47	-21.7%	6	5	-16.7%	4	2	-50.0%			
Buchanan	1	0	-100.0%	12	15	25.0%	0	0	0.0%	1	0	-100.0%			
Buckingham	16	10	-37.5%	31	38	22.6%	4	3	-25.0%	7	8	14.3%			
Campbell	15	15	0.0%	52	54	3.8%	4	2	-50.0%	1	4	300.0%			
Caroline	19	22	15.8%	75	33	-56.0%	3	3	0.0%	3	1	-66.7%			
Carroll	0	0	0.0%	2	3	50.0%	0	0	0.0%	0	0	0.0%			
Charles City Cnty	6	12	100.0%	20	20	0.0%	0	0	0.0%	0	1	*			
Charlotte	9	14	55.6%	28	25	-10.7%	0	1	*	0	0	0.0%			
Chesterfield	58	95	63.8%	168	211	25.6%	25	11	-56.0%	15	17	13.3%			
Clarke	3	2	-33.3%	11	12	9.1%	1	0	-100.0%	0	1	*			
Craig	0	0	0.0%	1	6	500.0%	0	0	0.0%	0	0	0.0%			
Culpeper	26	52	100.0%	78	67	-14.1%	3	1	-66.7%	9	1	-88.9%			
Cumberland	5	10	100.0%	15	10	-33.3%	1	1	0.0%	1	1	0.0%			
Dickenson	0	0	0.0%	2	1	-50.0%	0	1	*	0	0	0.0%			
Dinwiddie	11	6	-45.5%	28	22	-21.4%	0	0	0.0%	2	1	-50.0%			
Essex	18	18	0.0%	32	34	6.3%	0	3	*	0	1	*			
Fairfax Cnty	130	156	20.0%	378	412	9.0%	57	76	33.3%	52	80	53.8%			
Fauquier	3	17	466.7%	60	40	-33.3%	2	4	100.0%	2	1	-50.0%			
Floyd	0	1	*	4	3	-25.0%	0	1	*	0	0	0.0%			
Fluvanna	11	13	18.2%	36	36	0.0%	0	3	*	5	4	-20.0%			
Franklin Cnty	17	11	-35.3%	18	26	44.4%	1	1	0.0%	3	0	-100.0%			
Frederick	3	5	66.7%	27	20	-25.9%	1	2	100.0%	2	2	0.0%			
Giles	1	0	-100.0%	5	6	20.0%	0	0	0.0%	0	0	0.0%			
Gloucester	13	24	84.6%	43	34	-20.9%	3	2	-33.3%	5	2	-60.0%			
Goochland	11	8	-27.3%	17	11	-35.3%	3	2	-33.3%	4	0	-100.0%			
Grayson	0	0	0.0%	2	4	100.0%	0	0	0.0%	0	0	0.0%			
Greene	2	8	300.0%	23	22	-4.3%	0	0	0.0%	1	0	-100.0%			
Greenville	10	7	-30.0%	10	5	-50.0%	3	7	133.3%	7	8	14.3%			
Halifax	30	41	36.7%	87	82	-5.7%	1	4	300.0%	7	3	-57.1%			
Hanover	30	45	50.0%	83	77	-7.2%	4	3	-25.0%	5	4	-20.0%			
Henrico	358	312	-12.8%	670	359	-46.4%	28	36	28.6%	27	19	-29.6%			
Henry	55	53	-3.6%	48	77	60.4%	4	2	-50.0%	3	4	33.3%			
Highland	0	0	0.0%	0	1	*	0	0	0.0%	0	0	0.0%			

Number of Cases and Percent

Change for Each Disease by County,
City, District, Region, and State

1998 to 1999

Locality/District/Region	Gonorrhea			Chlamydia			HIV			AIDS		
	Reported Cases 1998	Reported Cases 1999	Percent Change									
Isle of Wight	26	26	0.0%	59	44	-25.4%	1	0	-100.0%	4	3	-25.0%
James City Cnty	20	14	-30.0%	10	11	10.0%	0	1	*	0	0	0.0%
King George	21	14	-33.3%	32	43	34.4%	2	2	0.0%	2	0	-100.0%
King and Queen	9	10	11.1%	18	23	27.8%	1	0	-100.0%	1	0	-100.0%
King William	9	11	22.2%	9	26	188.9%	0	1	*	0	2	*
Lancaster	35	34	-2.9%	34	40	17.6%	1	0	-100.0%	1	0	-100.0%
Lee	0	0	0.0%	13	1	-92.3%	2	0	-100.0%	2	0	-100.0%
Loudoun	41	41	0.0%	121	146	20.7%	8	7	-12.5%	4	6	50.0%
Louisa	13	8	-38.5%	60	59	-1.7%	1	0	-100.0%	2	3	50.0%
Lunenburg	7	10	42.9%	46	32	-30.4%	2	1	-50.0%	3	4	33.3%
Madison	4	0	-100.0%	9	13	44.4%	0	2	*	1	0	-100.0%
Mathews	0	1	*	5	7	40.0%	0	0	0.0%	1	0	-100.0%
Mecklenburg	42	42	0.0%	105	84	-20.0%	8	5	-37.5%	4	8	100.0%
Middlesex	5	11	120.0%	6	13	116.7%	2	0	-100.0%	2	0	-100.0%
Montgomery	3	8	166.7%	15	57	280.0%	0	1	*	5	1	-80.0%
Nelson	4	5	25.0%	18	38	111.1%	0	0	0.0%	1	0	-100.0%
New Kent	14	16	14.3%	23	9	-60.9%	1	0	-100.0%	1	3	200.0%
Northampton	23	29	26.1%	71	70	-1.4%	3	2	-33.3%	5	1	-80.0%
Northumberland	28	17	-39.3%	48	31	-35.4%	0	2	*	1	0	-100.0%
Nottoway	16	24	50.0%	56	68	21.4%	4	3	-25.0%	2	6	200.0%
Orange	8	19	137.5%	52	49	-5.8%	2	2	0.0%	5	2	-60.0%
Page	0	3	*	21	18	-14.3%	3	1	-66.7%	1	1	0.0%
Patrick	4	10	150.0%	11	9	-18.2%	0	1	*	0	0	0.0%
Pittsylvania	96	47	-51.0%	76	122	60.5%	3	2	-33.3%	5	4	-20.0%
Powhatan	10	10	0.0%	17	18	5.9%	2	8	300.0%	5	13	160.0%
Prince Edward	33	30	-9.1%	58	67	15.5%	1	3	200.0%	3	3	0.0%
Prince George	19	17	-10.5%	30	65	116.7%	1	4	300.0%	1	1	0.0%
Prince William	189	145	-23.3%	395	419	6.1%	14	20	42.9%	26	24	-7.7%
Pulaski	7	9	28.6%	27	27	0.0%	0	2	*	1	1	0.0%
Rappahannock	2	0	-100.0%	3	5	66.7%	0	0	0.0%	0	0	0.0%
Richmond Cnty	15	10	-33.3%	22	41	86.4%	2	4	100.0%	2	4	100.0%
Roanoke Cnty	4	4	0.0%	17	33	94.1%	0	1	*	1	4	300.0%
Rockbridge	2	0	-100.0%	7	8	14.3%	0	1	*	0	1	*
Rockingham	1	10	900.0%	19	20	5.3%	2	3	50.0%	2	2	0.0%
Russell	1	0	-100.0%	10	3	-70.0%	0	2	*	1	0	-100.0%
Scott	0	0	0.0%	2	9	350.0%	0	0	0.0%	0	0	0.0%
Shenandoah	3	1	-66.7%	19	15	-21.1%	1	0	-100.0%	2	1	-50.0%
Smyth	25	1	-96.0%	3	22	633.3%	1	0	-100.0%	1	1	0.0%
Southampton	24	15	-37.5%	46	47	2.2%	4	2	-50.0%	2	1	-50.0%
Spotsylvania	21	28	33.3%	71	92	29.6%	3	2	-33.3%	1	4	300.0%
Stafford	25	17	-32.0%	74	83	12.2%	6	3	-50.0%	10	5	-50.0%
Surry	6	9	50.0%	29	26	-10.3%	0	0	0.0%	0	0	0.0%
Sussex	12	15	25.0%	30	28	-6.7%	3	4	33.3%	4	4	0.0%
Tazewell	0	2	*	3	7	133.3%	0	2	*	2	0	-100.0%
Warren	9	4	-55.6%	46	62	34.8%	1	0	-100.0%	2	1	-50.0%
Washington	3	4	33.3%	9	5	-44.4%	0	1	*	0	1	*

*Increase from zero

Number of Cases and Percent
Change for Each Disease by County,
City, District, Region, and State

Locality/District/Region	Gonorrhea			Chlamydia			HIV			AIDS		
	1998		Percent	1998		Percent	1998		Percent	1998		Percent
	Reported Cases	1998	1999	Change	Reported Cases	1998	1999	Change	Reported Cases	1998	1999	Change
Westmoreland	35	23	-34.3%	84	83	-1.2%	1	1	0.0%	4	0	-100.0%
Wise	2	1	-50.0%	11	20	81.8%	2	4	100.0%	0	0	0.0%
Wythe	1	0	-100.0%	2	9	350.0%	0	0	0.0%	0	1	*
York	19	12	-36.8%	35	19	-45.7%	0	1	*	1	3	200.0%
Cities												
Alexandria	267	229	-14.2%	329	373	13.4%	54	55	1.9%	40	50	25.0%
Bedford City	9	10	11.1%	18	19	5.6%	1	0	-100.0%	1	0	-100.0%
Bristol	3	3	0.0%	26	30	15.4%	0	2	*	1	2	100.0%
Buena Vista	2	0	-100.0%	9	10	11.1%	0	1	*	0	1	*
Charlottesville	168	140	-16.7%	258	306	18.6%	2	9	350.0%	9	7	-22.2%
Chesapeake	241	262	8.7%	395	389	-1.5%	13	27	107.7%	24	18	-25.0%
Clifton Forge	0	0	0.0%	11	3	-72.7%	0	0	0.0%	0	2	*
Colonial Heights	5	7	40.0%	18	16	-11.1%	0	1	*	2	0	-100.0%
Covington	4	1	-75.0%	17	17	0.0%	0	1	*	2	1	-50.0%
Danville	302	250	-17.2%	408	430	5.4%	9	5	-44.4%	11	4	-63.6%
Emporia	28	20	-28.6%	58	39	-32.8%	1	4	300.0%	1	1	0.0%
Fairfax City	15	37	146.7%	107	134	25.2%	5	21	320.0%	3	18	500.0%
Falls Church	19	17	-10.5%	78	98	25.6%	2	3	50.0%	2	7	250.0%
Franklin City	31	30	-3.2%	74	52	-29.7%	1	1	0.0%	4	2	-50.0%
Fredericksburg	59	44	-25.4%	184	180	-2.2%	2	3	50.0%	4	9	125.0%
Galax	0	0	0.0%	0	4	*	0	0	0.0%	0	0	0.0%
Hampton	341	364	6.7%	476	424	-10.9%	25	22	-12.0%	27	24	-11.1%
Harrisonburg	3	22	633.3%	47	83	76.6%	2	0	-100.0%	5	0	-100.0%
Hopewell	22	26	18.2%	47	49	4.3%	2	8	300.0%	3	7	133.3%
Lexington	2	3	50.0%	5	10	100.0%	0	0	0.0%	1	0	-100.0%
Lynchburg	159	116	-27.0%	265	220	-17.0%	13	7	-46.2%	7	6	-14.3%
Manassas	40	36	-10.0%	92	94	2.2%	10	8	-20.0%	6	6	0.0%
Manassas Park	0	0	0.0%	4	15	275.0%	1	1	0.0%	0	0	0.0%
Martinsville	87	97	11.5%	74	107	44.6%	0	3	*	5	3	-40.0%
Newport News	819	857	4.6%	895	599	-33.1%	40	44	10.0%	35	44	25.7%
Norfolk	1,415	1,291	-8.8%	954	921	-3.5%	104	92	-11.5%	133	81	-39.1%
Norton	0	2	*	0	1	*	0	0	0.0%	0	0	0.0%
Petersburg	137	186	35.8%	198	236	19.2%	20	24	20.0%	21	19	-9.5%
Poquoson	1	0	-100.0%	3	2	-33.3%	0	1	*	0	0	0.0%
Portsmouth	357	332	-7.0%	294	357	21.4%	22	24	9.1%	34	34	0.0%
Radford	13	7	-46.2%	43	28	-34.9%	0	0	0.0%	0	0	0.0%
Richmond City	1,529	1,827	19.5%	1,623	1,974	21.6%	111	135	21.6%	118	97	-17.8%
Roanoke City	354	298	-15.8%	465	382	-17.8%	8	19	137.5%	22	31	40.9%
Salem	4	14	250.0%	21	28	33.3%	0	1	*	2	1	-50.0%
Staunton	11	15	36.4%	65	85	30.8%	4	1	-75.0%	3	4	33.3%
Suffolk	166	212	27.7%	234	242	3.4%	14	6	-57.1%	6	6	0.0%
Virginia Beach	428	454	6.1%	659	611	-7.3%	42	51	21.4%	53	55	3.8%
Waynesboro	12	10	-16.7%	47	58	23.4%	0	1	*	2	2	0.0%
Williamsburg	89	95	6.7%	90	79	-12.2%	1	2	100.0%	7	1	-85.7%
Winchester	31	30	-3.2%	87	84	-3.4%	5	3	-40.0%	13	3	-76.9%

Number of Cases and Percent Change for Each Disease by County, City, District, Region, and State			Gonorrhea			Chlamydia			HIV			AIDS		
1998 to 1999 Locality/District/Region	Reported Cases 1998	Percent Change	Reported Cases 1998	1999	Percent Change	Reported Cases 1998	1999	Percent Change	Reported Cases 1998	1999	Percent Change	Reported Cases 1998	1999	Percent Change
District														
Alexandria	267	229	-14.2%	329	373	13.4%	54	55	1.9%	40	50	25.0%		
Alleghany	17	21	23.5%	73	96	31.5%	1	6	500.0%	5	10	100.0%		
Arlington	111	83	-25.2%	230	195	-15.2%	48	47	-2.1%	39	64	64.1%		
Central Shenandoah	40	63	57.5%	218	302	38.5%	9	7	-22.2%	20	11	-45.0%		
Central Virginia	237	192	-19.0%	434	422	-2.8%	20	11	-45.0%	14	13	-7.1%		
Chesapeake	241	262	8.7%	395	389	-1.5%	13	27	107.7%	24	18	-25.0%		
Chesterfield	73	112	53.4%	203	245	20.7%	27	20	-25.9%	22	30	36.4%		
Crater	245	286	16.7%	430	470	9.3%	30	51	70.0%	39	41	5.1%		
Cumberland Plateau	2	2	0.0%	27	26	-3.7%	0	5	*	4	0	-100.0%		
Eastern Shore	72	82	13.9%	247	220	-10.9%	14	5	-64.3%	12	11	-8.3%		
Fairfax	164	210	28.0%	563	644	14.4%	64	100	56.3%	57	105	84.2%		
Hampton	341	364	6.7%	476	424	-10.9%	25	22	-12.0%	27	24	-11.1%		
Hanover	61	81	32.8%	143	117	-18.2%	8	5	-37.5%	10	8	-20.0%		
Henrico	358	312	-12.8%	670	359	-46.4%	28	36	28.6%	27	19	-29.6%		
Lenowisco	2	3	50.0%	26	31	19.2%	4	4	0.0%	2	0	-100.0%		
Lord Fairfax	49	45	-8.2%	211	211	0.0%	12	6	-50.0%	20	9	-55.0%		
Loudoun	41	41	0.0%	121	146	20.7%	8	7	-12.5%	4	6	50.0%		
Mount Rogers	33	8	-75.8%	45	78	73.3%	1	3	200.0%	2	6	200.0%		
New River	24	25	4.2%	94	121	28.7%	0	4	*	6	2	-66.7%		
Norfolk	1,415	1,291	-8.8%	954	921	-3.5%	104	92	-11.5%	133	81	-39.1%		
Peninsula	948	978	3.2%	1,033	710	-31.3%	41	49	19.5%	43	48	11.6%		
Piedmont	107	104	-2.8%	263	269	2.3%	14	13	-7.1%	19	22	15.8%		
Pittsylvania / Danville	398	297	-25.4%	484	552	14.0%	12	7	-41.7%	16	8	-50.0%		
Portsmouth	357	332	-7.0%	294	357	21.4%	22	24	9.1%	34	34	0.0%		
Prince William	229	181	-21.0%	491	528	7.5%	25	29	16.0%	32	30	-6.3%		
Rappahannock	145	125	-13.8%	436	431	-1.1%	16	13	-18.8%	20	19	-5.0%		
Rappahannock / Rapidan	43	88	104.7%	202	174	-13.9%	7	9	28.6%	17	4	-76.5%		
Richmond City	1,529	1,827	19.5%	1,623	1,974	21.6%	111	135	21.6%	118	97	-17.8%		
Roanoke City	354	298	-15.8%	465	382	-17.8%	8	19	137.5%	22	31	40.9%		
Southside	102	120	17.6%	252	213	-15.5%	15	14	-6.7%	15	13	-13.3%		
Thomas Jefferson	205	186	-9.3%	414	500	20.8%	7	17	142.9%	23	15	-34.8%		
Three Rivers	167	159	-4.8%	301	332	10.3%	10	13	30.0%	17	9	-47.1%		
Virginia Beach	428	454	6.1%	659	611	-7.3%	42	51	21.4%	53	55	3.8%		
West Piedmont	163	171	4.9%	151	219	45.0%	5	7	40.0%	11	7	-36.4%		
Western Tidewater	247	283	14.6%	413	385	-6.8%	20	9	-55.0%	16	12	-25.0%		
Health Planning Region														
Central Region	2,475	2,842	14.8%	3,584	3,647	1.8%	233	274	17.6%	250	230	-8.0%		
Eastern Region	4,216	4,205	-0.3%	4,772	4,349	-8.9%	291	292	0.3%	359	292	-18.7%		
Northern Region	812	744	-8.4%	1,734	1,886	8.8%	199	238	19.6%	172	255	48.3%		
Northwest Region	482	507	5.2%	1,481	1,618	9.3%	51	52	2.0%	100	58	-42.0%		
Southwest Region	1,230	1,017	-17.3%	1,799	1,927	7.1%	51	66	29.4%	82	77	-6.1%		
Virginia	9,215	9,315	1.1%	13,370	13,427	0.4%	825	922	11.8%	963	912	-5.3%		

*Increase from zero

Division of HIV/STD

1/2/2000

Section6.xls\Alternate SHEET80-87

Virginia STD and HIV/AIDS Morbidity

Calendar Years
1940 - 1979

Year	Syphilis			Gonorrhea	Other STD	Chlamydia	HIV	AIDS
	Primary & Secondary	Early Latent	Other Syphilis					
1940	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1941	4,088	4,795	8,555	3,560	N/A	N/A	N/A	N/A
1942	5,238	6,145	7,325	6,561	328	N/A	N/A	N/A
1943	5,313	6,480	5,999	8,863	509	N/A	N/A	N/A
1944	4,316	6,078	4,713	12,479	557	N/A	N/A	N/A
1945	3,048	3,972	3,028	6,353	336	N/A	N/A	N/A
1946	2,998	4,000	3,082	10,402	512	N/A	N/A	N/A
1947	3,808	4,074	3,271	13,860	866	N/A	N/A	N/A
1948	3,044	3,643	3,178	12,267	685	N/A	N/A	N/A
1949	1,592	2,567	2,205	11,295	364	N/A	N/A	N/A
1950	987	1,761	1,977	10,304	263	N/A	N/A	N/A
1951	741	1,769	2,701	9,223	207	N/A	N/A	N/A
1952	669	1,616	3,747	9,234	189	N/A	N/A	N/A
1953	442	1,467	4,326	8,286	143	N/A	N/A	N/A
1954	299	1,188	4,051	7,811	168	N/A	N/A	N/A
1955	171	965	4,268	8,036	121	N/A	N/A	N/A
1956	174	691	3,119	7,195	89	N/A	N/A	N/A
1957	156	642	2,848	6,751	65	N/A	N/A	N/A
1958	136	622	3,801	6,956	64	N/A	N/A	N/A
1959	158	575	3,679	7,311	41	N/A	N/A	N/A
1960	242	332	3,224	6,673	61	N/A	N/A	N/A
1961	394	245	2,904	6,509	59	N/A	N/A	N/A
1962	400	237	2,690	6,681	25	N/A	N/A	N/A
1963	365	203	3,102	6,842	37	N/A	N/A	N/A
1964	314	196	2,215	6,916	28	N/A	N/A	N/A
1965	339	170	1,770	7,433	14	N/A	N/A	N/A
1966	296	195	1,425	8,060	28	N/A	N/A	N/A
1967	311	175	1,636	9,282	31	N/A	N/A	N/A
1968	292	169	1,212	9,918	14	N/A	N/A	N/A
1969	256	156	996	11,972	34	N/A	N/A	N/A
1970	270	146	879	13,920	32	N/A	N/A	N/A
1971	334	218	1,298	15,391	33	N/A	N/A	N/A
1972	377	377	1,127	15,216	35	N/A	N/A	N/A
1973	753	473	1,095	19,275	41	N/A	N/A	N/A
1974	821	693	859	20,106	35	N/A	N/A	N/A
1975	570	606	887	23,479	32	N/A	N/A	N/A
1976	692	628	872	25,588	N/A	N/A	N/A	N/A
1977	538	403	885	24,760	15	N/A	N/A	N/A
1978	474	428	794	24,034	7	N/A	N/A	N/A
1979	492	426	611	23,032	5	N/A	N/A	N/A

Virginia STD and HIV/AIDS Morbidity

Calendar Years
1980 - 1999

Year	Syphilis			Gonorrhea	Other STD	Chlamydia*	HIV*	AIDS**
	Primary & Secondary	Early Latent	Other Syphilis					
1980	584	415	559	23,246	7	N/A	N/A	N/A
1981	687	540	533	22,108	5	N/A	N/A	N/A
1982	647	525	446	21,103	15	N/A	N/A	6
1983	560	475	354	21,122	7	N/A	N/A	21
1984	420	351	424	20,199	5	N/A	N/A	42
1985	300	260	376	19,121	3	N/A	N/A	102
1986	326	241	456	18,742	12	N/A	N/A	167
1987	318	250	479	14,353	5	N/A	N/A	268
1988	449	373	578	14,464	9	N/A	N/A	377
1989	593	495	643	15,993	13	6,002	195	445
1990	880	671	555	17,652	9	13,391	1,143	649
1991	842	780	998	17,256	22	16,717	1,644	670
1992	717	630	643	15,773	6	11,305	1,372	748
1993	648	620	683	11,620	3	11,389	1,484	1,638
1994	796	613	511	13,414	0	12,976	1,124	1,200
1995	599	545	440	10,342	3	12,287	1,268	1,461
1996	393	405	471	9,292	1	11,755	987	1,211
1997	236	379	502	8,731	1	11,604	998	1,177
1998	149	230	328	9,215	7	13,370	825	963
1999	152	212	362	9,315	4	13,427	922	912

* Began reporting in July 1989.

** Began reporting in 1982.

Screening

COMPARISON OF SYPHILIS SEROLOGICAL REACTOR ACTIVITY
1998 - 1999

Number of Reactive Specimens Reported:

	1998	1999	Difference	%Change
Private:	10,327	7,581	-2,746	-26.6%
Public:	2,273	2,550	277	12.2%
Federal:	79	116	37	46.8%
TOTAL:	12,679	10,247	-2,432	-19.2%

Number of Reactive Specimens Reported:

	1995	1996	1997	1998	1999	Five Year Average
Private:	9,706	11,864	11,428	10,327	7,581	10,181
Public:	4,674	3,445	3,086	2,273	2,550	3,206
Federal:	135	213	167	79	116	142
TOTAL:	14,515	15,522	14,681	12,679	10,247	13,529

Note: This data was first collected in 1993 through the STD-MIS reporting system.

CHLAMYDIA TESTING/POSITIVITY COMPARISON

1998 - 1999

SOURCE OF TEST	1998			1999		
	Tot. Tested	Tot. Positive	% Positive	Tot. Tested	Tot. Positive	% Positive
1. Non STD Clinics	58,365	3,245	5.56%	57,023	3,217	5.64%
(a) Family Planning	47,336	2,545	5.38%	44,912	2,419	5.39%
(b) Prenatal	9,334	594	6.36%	9,129	598	6.55%
(c) GYN	595	21	3.53%	142	1	0.70%
(d) Other	1,100	85	7.73%	2,840	199	7.01%
2. Private Physician	237	6	2.53%	875	43	4.91%
3. Student Health Center	1,118	119	10.64%	311	31	9.97%
4. Youth Detention	100	17	17.00%	32	3	9.38%
5. Jail/Corrections	112	5	4.46%	270	36	13.33%
6. Job Corps	33	2	6.06%	7	1	14.29%
7. Community Health	102	0	0.00%	33	2	6.06%
Total Non-STD Clinics	60,067	3,394	5.65%	58,551	3,333	5.69%
8. STD Clinics	16,731	2,265	13.54%	15,908	2,312	14.53%
10. GRAND TOTAL	76,798	5,659	7.37%	74,459	5,645	7.58%

Source: CT Computer Screening Report

CHLAMYDIA TESTING COMPARISON
1998 vs 1999

SOURCE OF TEST	1998		1999		%change
	Tot. Tested	% of Tot. Tested	Tot. Tested	% of Tot. Tested	
1. Non STD Clinics	58,365	76.00%	57,023	76.58%	-2.3%
(a) Family Planning	47,336	61.64%	44,912	60.32%	-5.1%
(b) Prenatal	9,334	12.15%	9,129	12.26%	-2.2%
(c) GYN	595	0.77%	142	0.19%	-76.1%
(d) Other	1,100	1.43%	2,840	3.81%	158.2%
2. Private Physician	237	0.31%	875	1.18%	269.2%
3. Student Health Center	1,118	1.46%	311	0.42%	-72.2%
4. Youth Detention	100	0.13%	32	0.04%	-68.0%
5. Jail/Corrections	112	0.15%	270	0.36%	141.1%
6. Job Corps	33	0.04%	7	0.01%	-78.8%
7. Community Health	102	0.13%	33	0.04%	-67.6%
Total Non-STD Clinics	60,067	78.21%	58,551	78.64%	-2.5%
8. STD Clinics	16,731	21.79%	15,908	21.36%	-4.9%
10. GRAND TOTAL	76,798	100.00%	74,459	100.00%	-3.0%

Source: CT Computer Screening Report

Virginia**CHART 10. PUBLIC FEMALE GONORRHEA SCREENING CULTURES****Results of Public FEMALE Gonorrhea Screening Cultures**Calendar Years
1981 - 1999

<u>Calendar Year</u>	<u>Number Tested</u>	<u>Number Positive</u>	<u>Percent Positive</u>	<u>Total No. Cases</u>
1981	223,309	9,131	4.1%	9,131
1982	231,667	7,932	3.4%	7,932
1983	225,927	7,864	3.5%	7,864
1984	223,779	7,606	3.4%	7,606
1985	217,091	7,484	3.4%	7,484
1986	222,097	7,709	3.5%	7,709
1987	205,690	5,285	2.6%	5,285
1988	195,028	5,377	2.8%	5,377
1989	187,662	5,507	2.9%	5,507
1990	185,652	4,974	2.7%	4,974
1991	168,496	5,109	3.0%	5,109
1992	174,548	4,029	2.3%	4,029
1993	169,733	5,240	3.1%	5,240
1994	172,644	4,612	2.7%	4,612
1995	138,675	2,770	2.0%	2,770
1996	128,137	2,032	1.6%	2,032
1997	116,357	2,130	1.8%	2,130
1998	109,760	2,153	2.0%	2,153
1999	115,354	2,050	1.8%	2,050

Virginia

Comparison of Civilian FEMALE Gonorrhea Morbidity to Positive Public FEMALE Screening Cultures

Calendar Years
1980 - 1999

Calendar Year	Gonorrhea Cases	Positive Gonorrhea Screening Cultures
1980	10,825	11,058
1981	10,249	9,131
1982	9,384	7,932
1983	9,044	7,864
1984	8,446	7,606
1985	7,968	7,484
1986	8,344	7,709
1987	6,257	5,285
1988	6,312	5,377
1989	6,561	5,507
1990	7,083	4,974
1991	6,995	5,109
1992	6,744	4,029
1993	5,015	5,240
1994	6,025	4,612
1995	4,909	2,770
1996	4,502	2,032
1997	4,250	2,130
1998	4,523	2,153
1999	4,538	2,050

Gonorrhea Culture Test Results of Females

	1998			1999			Differences					
	No. Test	No. Neg	No. Pos	No. Test	No. Neg	No. Pos	Tested		Negative		Positive	
							no.	% change	no.	% change	no.	% change
HD Non STD	74,699	74,074	625	81,113	80,437	676	6,414	8.6%	6,363	8.6%	51	8.2%
Family Planning	58,242	57,799	443	64,824	64,350	474	6,582	11.3%	6,551	11.3%	31	7.0%
Prenatal	13,781	13,663	118	12,911	12,784	127	-870	-6.3%	-879	-6.4%	9	7.6%
Cancer Detection	36	36	0	3	3	0	-33	-91.7%	-33	-91.7%	0	0.0%
Combinations	2,640	2,576	64	3,375	3,300	75	735	27.8%	724	28.1%	11	17.2%
Public\Private Hosp-OutPat	5,714	5,537	177	7,710	7,486	224	1,996	34.9%	1,949	35.2%	47	26.6%
Family Planning	79	77	2	154	152	2	75	94.9%	75	97.4%	0	0.0%
Prenatal	2,152	2,138	14	2,623	2,606	17	471	21.9%	468	21.9%	3	21.4%
Cancer Detection	0	0	0	0	0	0	0	0.0%	0	0.0%	0	0.0%
Combinations	3,483	3,322	161	4,933	4,728	205	1,450	41.6%	1,406	42.3%	44	27.3%
Public\Private Hosp-InPat	11	11	0	9	9	0	-2	-18.2%	-2	-18.2%	0	0.0%
Obstetric	0	0	0	0	0	0	0	0.0%	0	0.0%	0	0.0%
Gynecologic	7	7	0	7	7	0	0	0.0%	0	0.0%	0	0.0%
Combinations	4	4	0	2	2	0	-2	-50.0%	-2	-50.0%	0	0.0%
Community\Neigh Hlth Ctr	402	400	2	889	874	15	487	121.1%	474	118.5%	13	650.0%
Family Planning	163	163	0	190	189	1	27	16.6%	26	16.0%	1	*
Prenatal	60	60	0	253	252	1	193	321.7%	192	320.0%	1	*
Cancer Detection	0	0	0	0	0	0	0	0.0%	0	0.0%	0	0.0%
Combinations	179	177	2	446	433	13	267	149.2%	256	144.6%	11	550.0%
Private Physicians	808	798	10	94	93	1	-714	-88.4%	-705	-88.3%	-9	-90.0%
Priv Fam Plan Groups	5,689	5,675	14	4,323	4,289	34	-1,366	-24.0%	-1,386	-24.4%	20	142.9%
Group Health Clinics	1,524	1,507	17	1,264	1,260	4	-260	-17.1%	-247	-16.4%	-13	-76.5%
Student Health Ctrs	2,334	2,301	33	1,417	1,393	24	-917	-39.3%	-908	-39.5%	-9	-27.3%
Manpower	205	198	7	274	270	4	69	33.7%	72	36.4%	-3	-42.9%
Industrial Screen	0	0	0	0	0	0	0	0.0%	0	0.0%	0	0.0%
Military /Dependents	1	0	1	0	0	0	-1	-100.0%	0	0.0%	-1	-100.0%
Correction Or Det Ctrs	453	440	13	382	357	25	-71	-15.7%	-83	-18.9%	12	92.3%
Not Specified	0	0	0	46	46	0	46 *		46 *		0	0.0%
TOTAL NON-STD CLINICS	91,840	90,941	899	97,521	96,514	1,007	5,681	6.2%	5,573	6.1%	108	12.0%
STD Clinics	17,920	16,666	1,254	17,833	16,790	1,043	-87	-0.5%	124	0.7%	-211	-16.8%
Contacts to GC	123	55	68	366	234	132	243	197.6%	179	325.5%	64	94.1%
Syphilis:Conta/Clus/Reac	0	0	0	0	0	0	0	0.0%	0	0.0%	0	0.0%
Other	17,797	16,611	1,186	17,467	16,556	911	-330	-1.9%	-55	-0.3%	-275	-23.2%
GRAND TOTAL	109,760	107,607	2,153	115,354	113,304	2,050	5,594	5.1%	5,697	5.3%	-103	-4.8%
Female Pos. GC Culture				4,523			4,538				15	0.3%

* increased from zero.

HIV TESTING IN VIRGINIA BY CLINIC TYPE AND YEAR

CLINICS	1986			1987			1988			1989		
	Tested	Pos.	% Pos.	Tested	Pos.	% Pos.	Tested	Pos.	% Pos.	Tested	Pos.	% Pos.
PEDIATRIC	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
% Change												
BLOOD TRANSFUSION	0	0	0.0%	565	3	0.5%	240	2	0.8%	136	0	0.0%
% Change							-57.5%			-43.3%		
STD	1,239	95	7.7%	13,520	384	2.8%	16,029	379	2.4%	16,251	289	1.8%
% Change				991.2%			18.6%			1.4%		
T.B. CLINIC	0	0	0.0%	126	4	3.2%	32	2	6.3%	47	0	0.0%
% Change							-74.6%			46.9%		
MATERNITY	116	0	0.0%	210	3	1.4%	1,571	4	0.3%	2,561	11	0.4%
% Change				81.0%			648.1%			63.0%		
DRUG TREATMENT	2	0	0.0%	74	6	8.1%	275	9	3.3%	476	15	3.2%
% Change				3600.0%			271.6%			73.1%		
FAMILY PLANNING	204	2	1.0%	465	0	0.0%	2,914	9	0.3%	4,276	9	0.2%
% Change				127.9%			526.7%			46.7%		
ATS	808	107	13.2%	1,428	67	4.7%	1,452	90	6.2%	1,552	83	5.3%
% Change				76.7%			1.7%			6.9%		
Military												
% Change												
Private Medical Doctor (PMD)												
% Change												
OTHER/UNKNOWN*	1,043	10	1.0%	2,283	101	4.4%	10,705	67	0.6%	13,547	108	0.8%
% Change				118.9%			368.9%			26.5%		
TOTAL	3,412	214	6.3%	18,671	568	3.0%	33,218	562	1.7%	38,846	515	1.3%
% Change				447.2%			77.9%			16.9%		

*From 1986 to 1992, OTHER/UNKNOWN included Military, PMD and those reports that can not be ascribed to any other category.

Beginning in 1993, OTHER/UNKNOWN includes those reports that can not be ascribed to any other category.

Source: From 1986-1992, laboratory slips were referred from DCLS and data were generated from a hand-count of these slips and from the 7-page demographics report. Positives represent all positive tests, new and repeat.

Beginning in 1993, data are generated from the HIV-1 computer report. Data for pediatrics and blood transfusion are not included as clinic type, but are reported under risk. Positives represent new positives only.

HIV TESTING IN VIRGINIA BY CLINIC TYPE AND YEAR

CLINICS	1990			1991			1992			1993		
	Tested	Pos.	% Pos.									
PEDIATRIC	13	0	0.0%	9	0	0.0%	1	0	0.0%			
% Change				-30.8%			-88.9%					
BLOOD TRANSFUSION	101	0	0.0%	94	2	2.1%	16	0	0.0%			
% Change	-25.7%			-6.9%			-83.0%					
STD	21,474	367	1.7%	28,459	422	1.7%	31,840	387	1.4%	30,816	309	1.0%
% Change	32.1%			32.5%			11.9%			-3.2%		
T.B. CLINIC	355	0	0.0%	86	0	0.0%	471	4	0.8%	748	8	1.1%
% Change	655.3%			-75.8%			447.7%			58.8%		
MATERNITY	3,517	11	0.3%	4,703	13	0.3%	8,125	17	0.2%	11,460	18	0.2%
% Change	37.3%			33.7%			72.8%			41.0%		
DRUG TREATMENT	776	23	3.0%	1,090	35	2.8%	1,046	24	1.4%	976	12	1.2%
% Change	63.0%			40.5%			-4.0%			-6.7%		
FAMILY PLANNING	7,250	14	0.2%	11,455	26	0.2%	24,917	37	0.1%	28,265	29	0.1%
% Change	69.6%			58.0%			117.5%			13.4%		
ATS	4,415	167	3.8%	6,244	121	1.9%	10,393	149	1.4%	9,620	106	1.1%
% Change	184.5%			41.4%			66.4%			-7.4%		
Military										52	0	0.0%
% Change												
Private Medical Doctor (PMD)										43	0	0.0%
% Change												
OTHER/UNKNOWN*	21,441	100	0.5%	20,815	176	1.2%	10,371	110	1.1%	11,223	220	2.0%
% Change	58.3%			-2.9%			-50.2%			8.2%		
TOTAL	59,342	682	1.1%	72,955	795	1.1%	87,180	728	0.8%	93,203	702	0.8%
% Change	52.8%			23.0%			19.4%			6.9%		

*From 1986 to 1992, OTHER/UNKNOWN included Military, PMD and those reports that can not be ascribed to any other category.

Beginning in 1993, OTHER/UNKNOWN includes those reports that can not be ascribed to any other category.

Source: From 1986-1992, laboratory slips were referred from DCLS and data were generated from a hand-count of these slips and from the 7-page demographics report.

Positives represent all positive tests, new and repeat.

Beginning in 1993, data are generated from the HIV-1 computer report. Data for pediatrics and blood transfusion are not included as clinic type, but are reported under risk. Positives represent new positives only.

HIV TESTING IN VIRGINIA BY CLINIC TYPE AND YEAR

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CLINICS	1997			1998			1999			Total Tested	Total Pos.	% Pos.
	Tested	Pos.	% Pos.	Tested	Pos.	% Pos.	Tested	Pos.	% Pos.			
PEDIATRIC										23	0	0.0%
% Change												
BLOOD TRANSFUSION										1,152	7	0.6%
% Change												
STD	30,636	216	0.7%	34,609	308	0.9%	31,559	257	0.8%	343,362	4,097	1.2%
% Change	4.8%			13.0%			-8.8%					
T.B. CLINIC	735	3	0.4%	766	4	0.5%	632	4	0.6%	6,367	39	0.6%
% Change	-14.2%			4.2%			-17.5%					
MATERNITY	7,590	9	0.1%	7,821	11	0.1%	7,512	12	0.2%	81,528	155	0.2%
% Change	-5.3%			3.0%			-4.0%					
DRUG TREATMENT	1,184	8	0.7%	1,017	11	1.1%	867	3	0.3%	10,793	173	1.6%
% Change	-0.5%			-14.1%			-14.7%					
FAMILY PLANNING	22,921	11	0.0%	24,516	11	0.0%	23,029	12	0.1%	226,303	210	0.1%
% Change	-6.6%			7.0%			-6.1%					
ATS	6,169	77	1.2%	5,811	52	0.9%	4,449	64	1.4%	77,370	1,349	1.7%
% Change	-22.3%			-5.8%			-23.4%					
Military	3	0	0.0%	0	0	0.0%	0	0	0.0%	140	0	0.0%
% Change	-88.0%			-100.0%			0.0%					
Private Medical Doctor (PMD)	7	0	0.0%	0	0	0.0%	0	0	0.0%	232	1	0.4%
% Change	-84.8%			-100.0%			0.0%					
OTHER/UNKNOWN*	6,526	99	1.5%	6,434	72	1.1%	5,852	78	1.3%	143,901	1,646	1.1%
% Change	-44.6%			-1.4%			-9.0%					
	75,771	423	0.6%	80,974	469	0.6%	73,900	430	0.6%	891,171	7,677	0.9%
		-9.4%			6.9%			-8.7%				

*From 1986 to 1992, OTHER/UNKNOWN included Military, PMD and those reports that can not be ascribed to any other category.

Beginning in 1993, OTHER/UNKNOWN includes those reports that can not be ascribed to any other category.

Source: From 1986-1992, laboratory slips were referred from DCLS and data were generated from a hand-count of these slips and from the 7-page demographics report. Positives represent all positive tests, new and repeat.

Beginning in 1993, data are generated from the HIV-1 computer report. Data for pediatrics and blood transfusion are not included as clinic type, but are reported under risk. Positives represent new positives only.

Epidemiology Rates & Indices



**Total Early Syphilis
Epidemiology Rates and Indices Report
1999
Counseling and Partner Notification**

	Number	Percent
Number of Patients Counseled	266	
Interviewed within 3 days	158	59.4%
Interviewed within 7 days	213	80.1%
Partners Named	377	
Partner Index	1.42	
Partners Examined	322	85.4%
Brought to treatment	79	24.5%
Preventively treated	107	33.2%
Not infected	46	14.3%
Previously treated	86	26.7%
Patients tested for HIV infection	127	39.4%
Number of new HIV infections	3	2.4%

**Priority Gonorrhea
Epidemiology Rates and Indices Report
1999
Counseling and Partner Notification**

	Number	Percent
Number of Patients Counseled	130	
Interviewed within 3 days	84	64.6%
Interviewed within 7 days	108	83.1%
Partners Named	126	
Partner Index	0.97	
Partners Examined	97	77.0%
Brought to treatment	40	41.2%
Preventively treated	37	38.1%
Not infected	3	3.1%
Previously treated	13	13.4%
Patients tested for HIV infection	69	71.1%
Number of new HIV infections	0	0.0%

HIV Infection
Epidemiology Rates and Indices Report
1999
Counseling and Partner Notification

Indicator	Definition	Number	Percent
Number of Patients counseled		455	100.0%
Interviewed within 3 days		241	53.0%
Interviewed within 7 days		320	70.3%
Partners Named		418	100.0%
Partner Index		0.92	100.0%
Partners counseled		312	74.6%
Partners Tested		279	89.4%
Partners Infected		125	44.8%
Previously Negative, Newly Infected		4	3.2%
Not Previously Tested, Newly Infected		22	17.6%
Previously Infected		99	79.2%

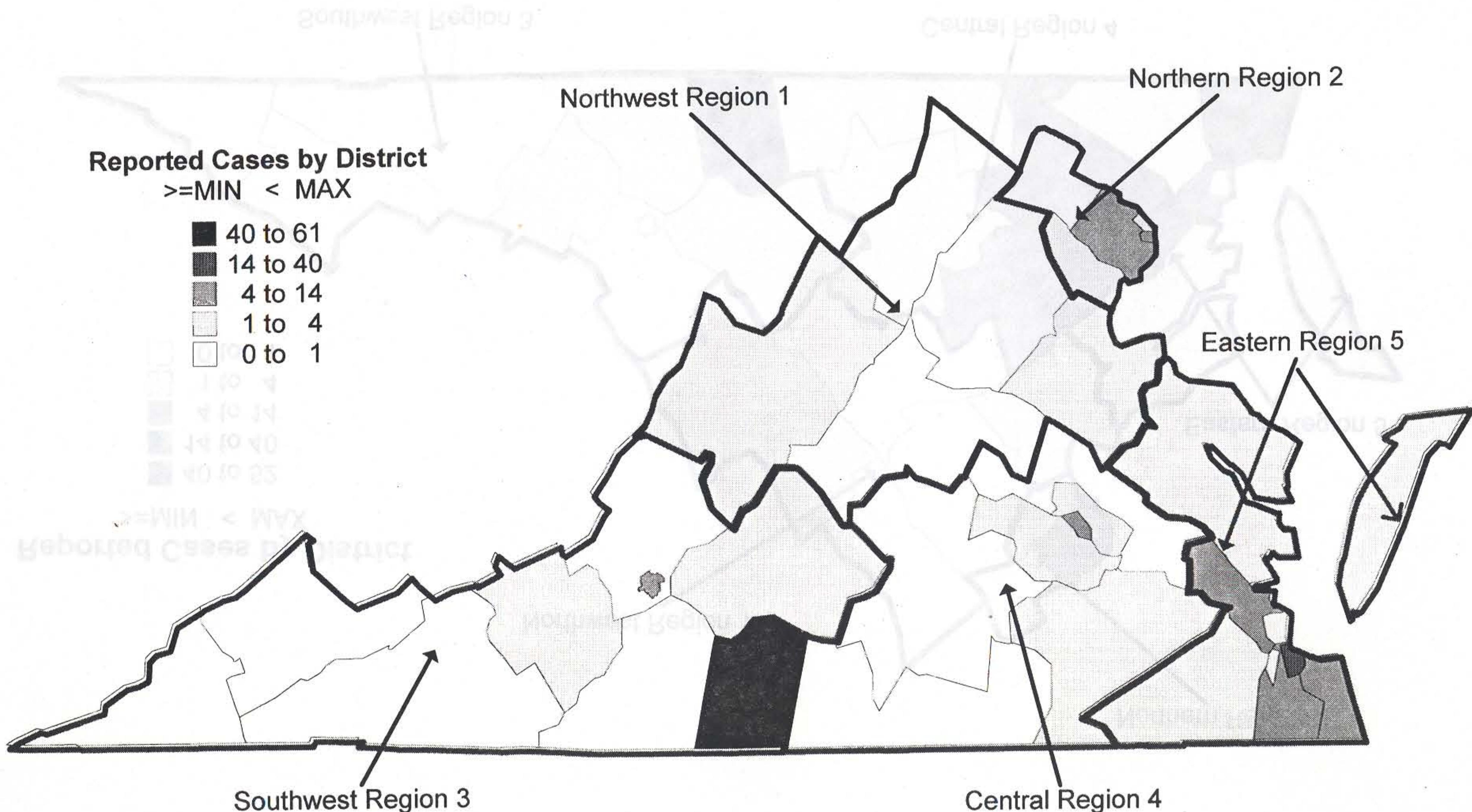
AIDS
Epidemiology Rates and Indices Report
1999
Counseling and Partner Notification

	Number	Percent
Number of Patients counseled	358	
Interviewed within 3 days	185	51.7%
Interviewed within 7 days	241	67.3%
Partners Named	217	
Partner Index	0.61	
Partners counseled	173	79.7%
Partners Tested	160	92.5%
Partners Infected	81	50.6%
Previously Negative, Newly Infected	6	7.4%
Not Previously Tested, Newly Infected	15	18.5%
Previously Infected	60	74.1%

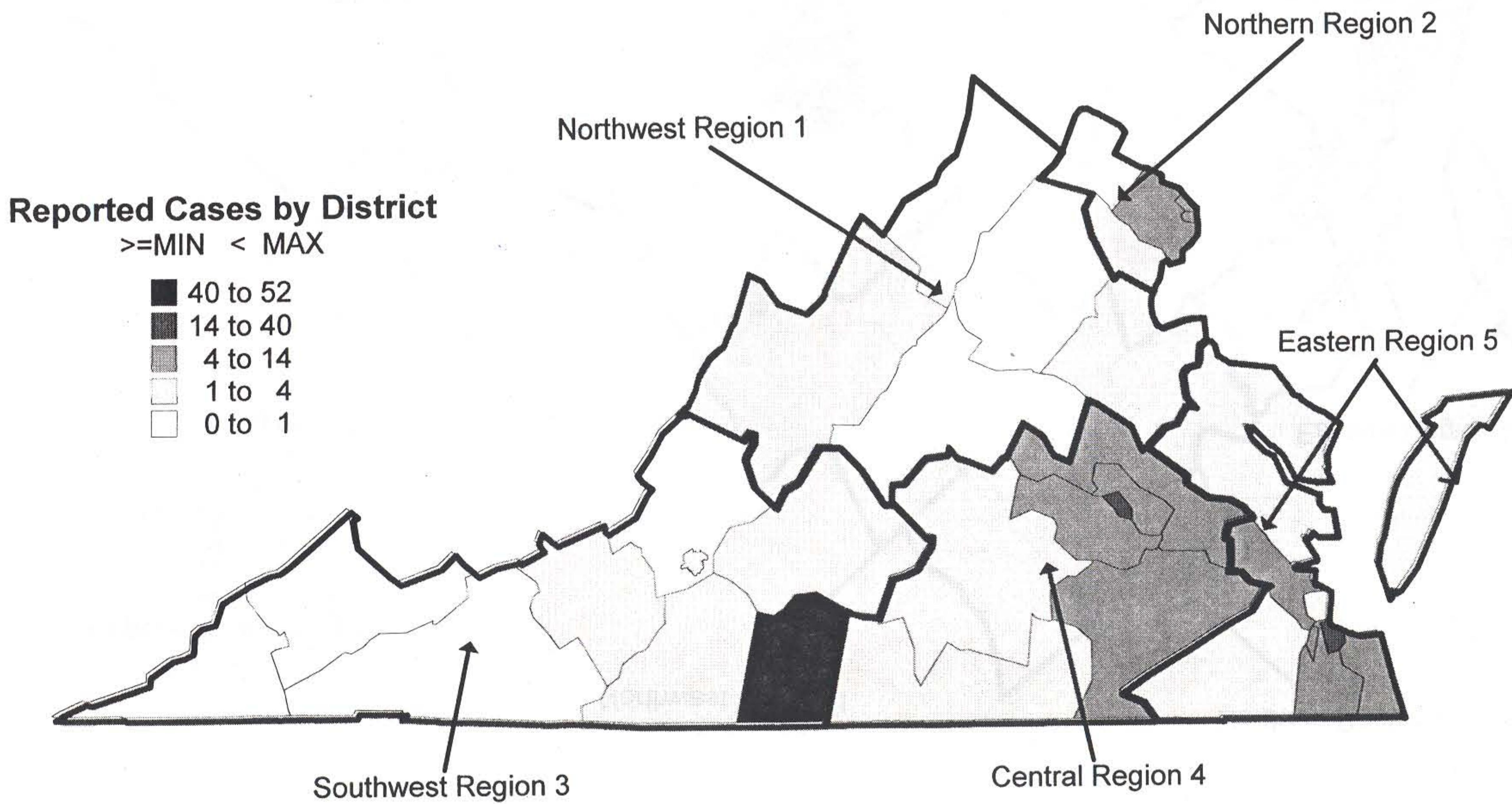
Charts and Maps

PRIMARY & SECONDARY SYPHILIS CASES VIRGINIA, 1999

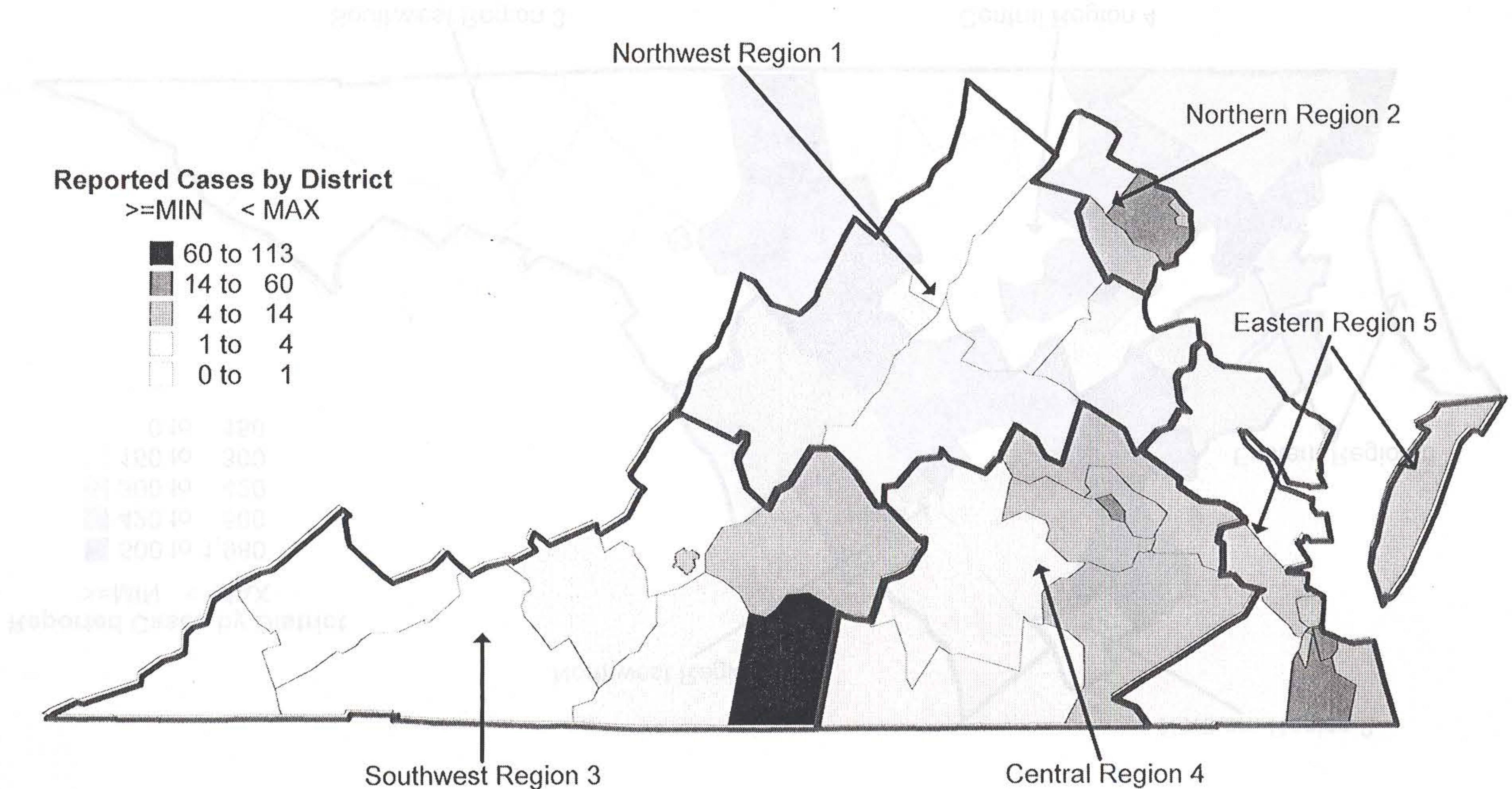
ADH
DEPARTMENT OF HEALTH
Protecting You and Your Environment



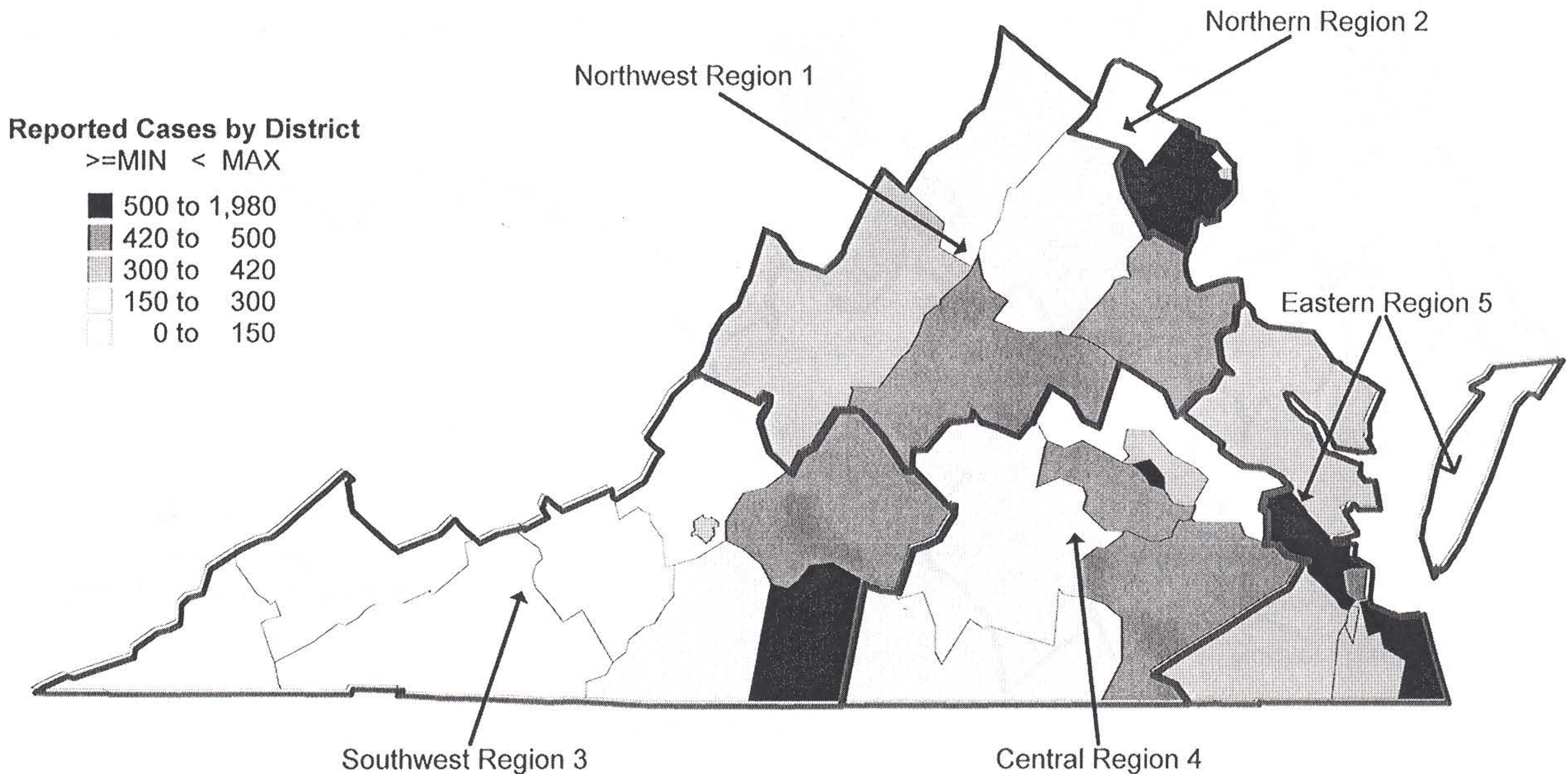
EARLY LATENT SYPHILIS CASES VIRGINIA, 1999



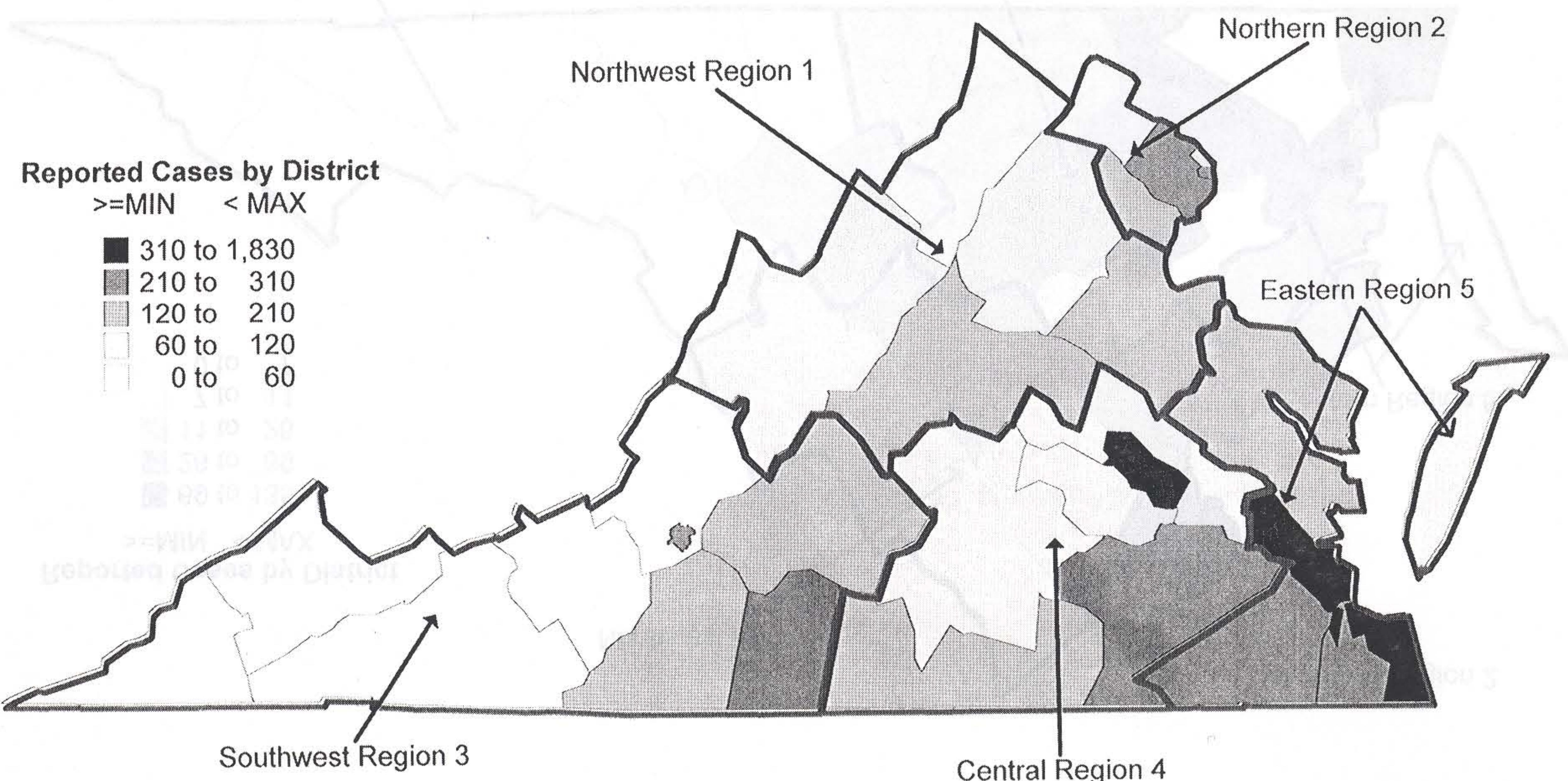
TOTAL EARLY SYPHILIS CASES VIRGINIA, 1999



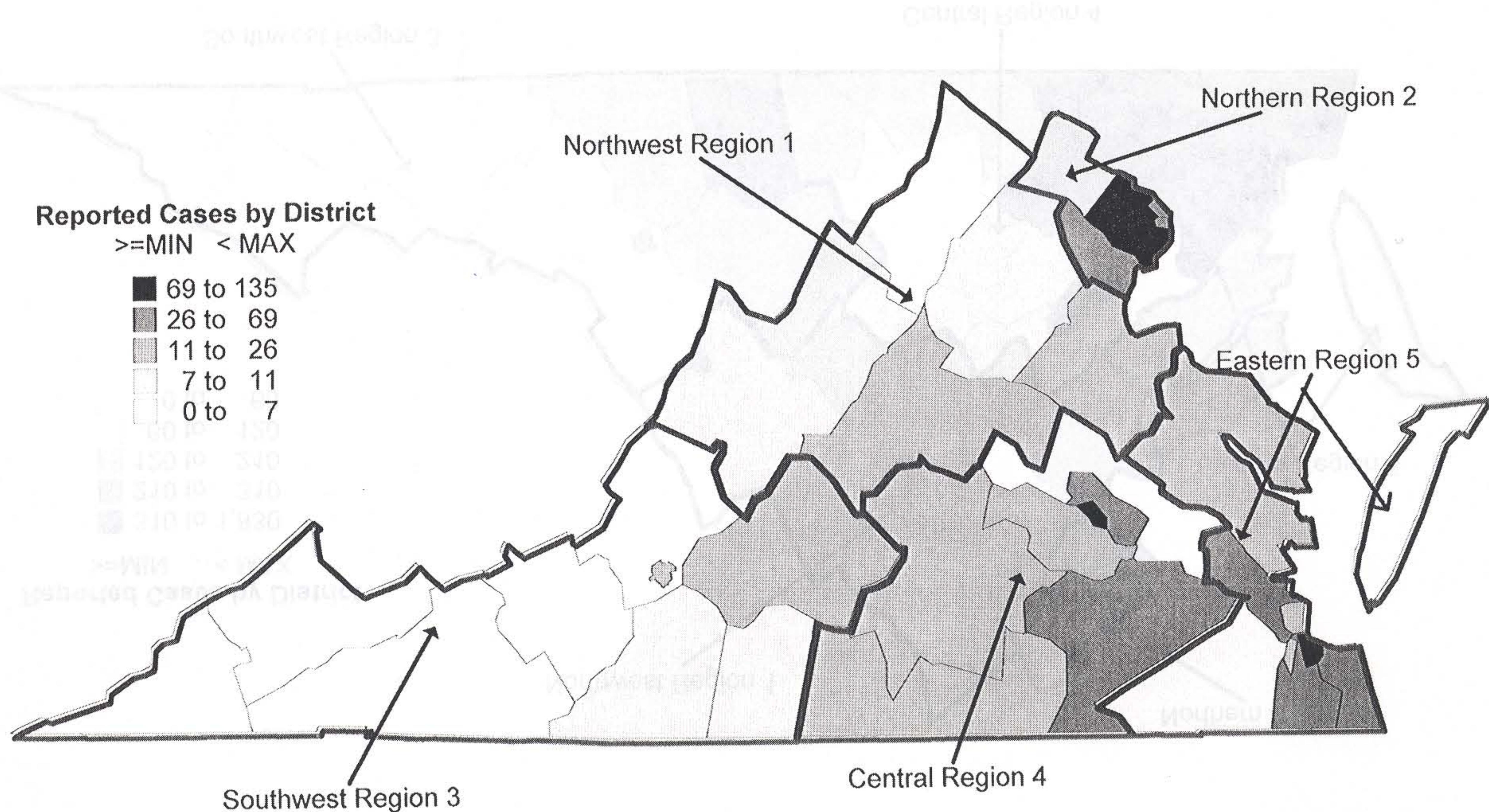
CHLAMYDIA CASES VIRGINIA, 1999



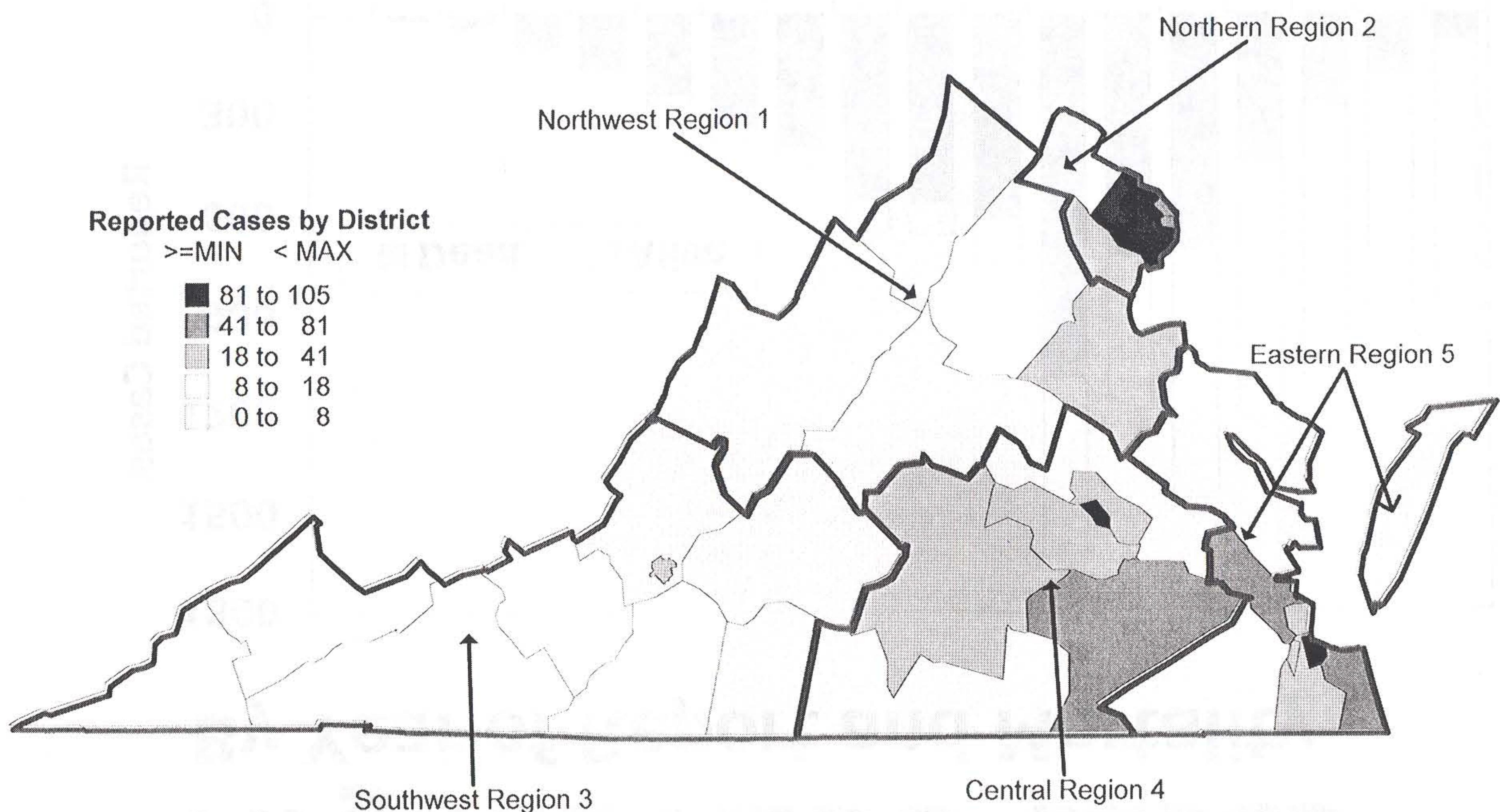
GONORRHEA CASES VIRGINIA, 1999



HIV CASES VIRGINIA, 1999

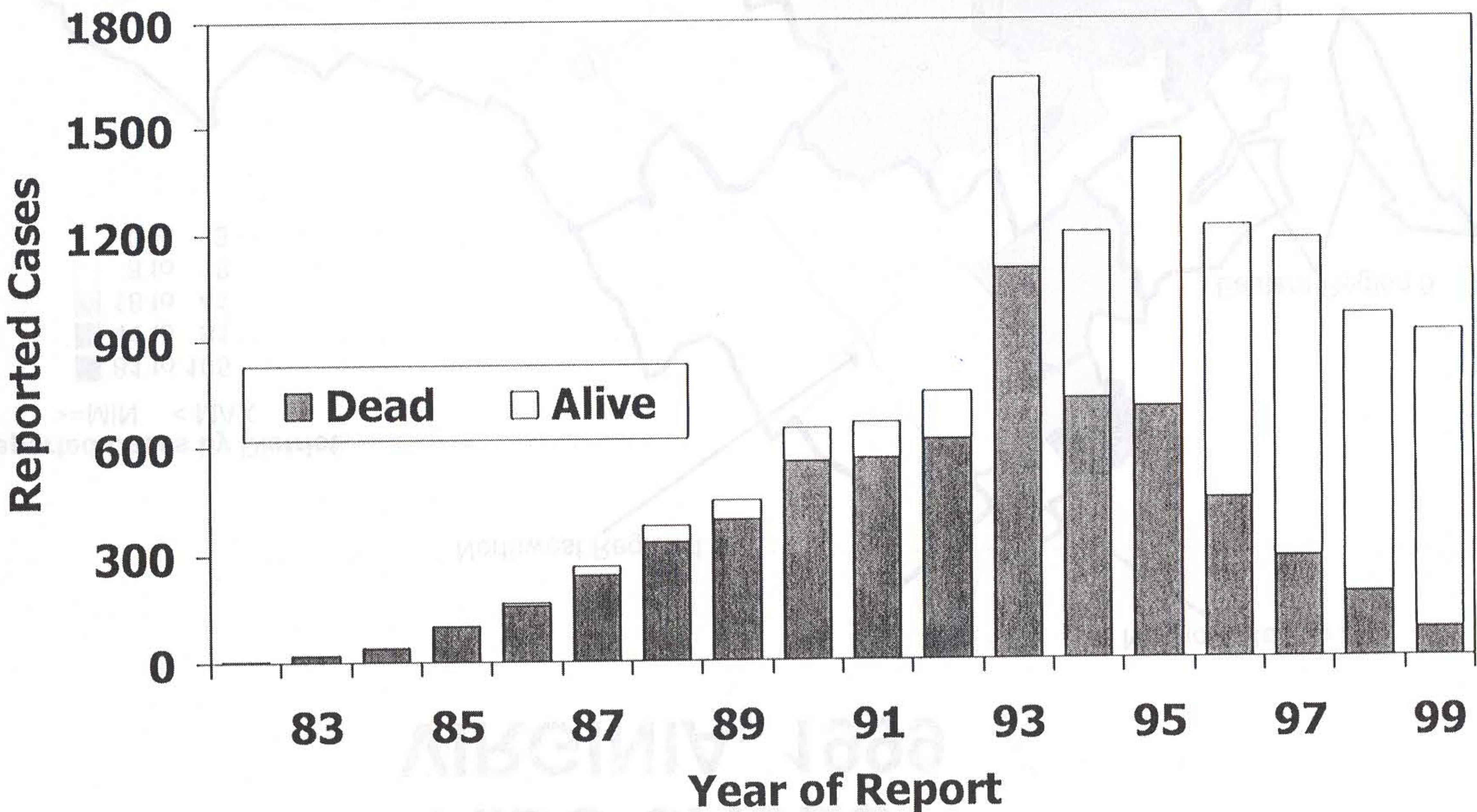


AIDS CASES VIRGINIA, 1999



Virginia AIDS Cases

By Year of Report and Mortality



Virginia AIDS Deaths by Year of Death

